

Site:	Syntex Verona
ID #:	MO0007452154
Break:	3.3
Other:	General 1-24-86

Trip Report Syntex Compliance
Monitoring Sampling Report

Syntex Facility
Verona, Missouri

TDD # R07-8408-23

January 24, 1986

Submitted to: Paul E. Doherty, ARPO

Prepared by: Region VII REM/FIT

Task Leader: Nancy Blackman

Volume 3 of 3



40028164
SUPERFUND RECORDS

TDD # R-07-8408-23
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Appendix A31
Syntex Compliance Monitoring
Daily Status Reports

Status Report 1: Syntex Compliance Monitoring April 7-10, 1985

April 7, 1985:

Nancy Blackman E&E/FIT traveled to Mt. Vernon, Missouri, 180 miles. Upon arrival Ms. Blackman contacted Gary Kepko, EPA/OSC to coordinate activities for the following day.

April 8, 1985:

Gary Kepko and Nancy Blackman traveled to Springfield to meet with Syntex to discuss the upcoming sampling effort. Present at the meeting were:

Bob Williams/Syntex
Glen Davis/Syntex
Ray Forrester/Syntex
Gary Kepko/EP&R
Nancy Blackman/E&E

The order of sample collection was discussed and the following order was determined:

- 1) Grid Area
- 2) Slough Area
- 3) Spill Area
- 4) Irrigation Area
- 5) Lagoon Area
- 6) Burn Area
- 7) Trench Area

The anticipated work schedule is nine hour days and five days a week.

A safety meeting was held during the afternoon with the Durbin crew. Decontamination and sampling handling procedures were discussed. The Terracon crew had their physicals and will report to the Verona plant tomorrow to complete their safety training.

April 9, 1985:

Joe Chandler and Nancy Blackman traveled to the Syntex, Verona plant. A safety meeting was held for the Terracon and Durbin contractors. The following personnel were present at the safety meeting:

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APR 12 1985

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E&E K.C.K.

Dave Koch / T.C.I.
 Mike Kukuk / T.C.I.
 Rowley Tedlock / T.C.I.
 Troy Durbin / D.C.
 Charles Hickman / D.C.
 Glen Davis / Syntex
 Bob Williams / Syntex
 Joe Chandler / E & E
 Nancy Blackman / E & E
 Gary Kepko / E.P. & R.

A tour of the site was conducted to allow the samplers to become familiar with the sampling locations.

The samplers dressed out in modified Level C (boots, tyveks, gloves, hard hat, face shield and dust mask) and practiced sampling and decontamination techniques.

April 10, 1985:

The sampling team arrived on-site at 0800 hours. They dressed out in modified Level C and began setting up the decontamination and sample handling areas. The weather was overcast during the day with the temperature ranging from the low 50's in the morning to the mid 60's by the afternoon. Moderate rain began at 1340 hours and sample collection was suspended at 1500 hours when it was determined that the rain was affecting the quality of the samples.

The samples collected to date are:

SAMPLE #	DEPTH	EPA SAMPLE NUMBER
104.1	0-12"	-----
104.2	0-12"	-----
104.3	0-12"	-----
104.4	0-12"	-----
104	(Composite)	-----
105.1	0-12"	-----
105.2	0-12"	-----
105.3	0-12"	-----
105.4	0-12"	-----
105	(Composite)	AK651001 (EPA split)
106.1	0-12"	-----
106.2	0-12"	-----
106.3	0-12"	-----
106.4	0-12"	-----
106	(Composite)	-----

107.1	0-12"	-----
107.2	0-12"	-----
107.3	0-12"	-----
107.4	0-12"	-----
107	(Composite)	-----
117.1	0-12"	-----
117.2	0-12"	-----
117.3	0-12"	-----
117.4	0-12"	-----
117	(Composite)	-----

All samples collected were located in the flood plain south of the plant. An aliquot from each discrete sample location was retained by Syntex for possible future analysis. Each whole integer sample number represents a composite sample of the four corresponding discrete samples. A map with Syntex sample numbers/locations has been prepared and sent to Craig Smith.

cc: Morris Kay, RGAD
 David Wagner, WSTM
 Dave Trip, CNSL
 Robert Morby, SUPF
 Rowena Michaels, PBAF
 Paul Doherty, EP&R
 Bill Keffer, EP&R
 Dan Harris, EP&R
 Charles Hensley, LABO
 Bob Kleopfer, LABO
 Craig Smith, SUPF
 Scott Richey, SUPF
 Bob Field, SUPF
 Jane Werholtz, CNSL
 Debby Kopsick, E&E
 Gary Kepko, EP&R

April 15, 1985

SUBJECT: STATUS REPORT #3 - Syntex Compliance Monitoring

FROM: Gary Kepko
OSC, FIRE/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E/FIT	EPA Observer
Joe Chandler	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
Rowley Tedlock	Terracon	Sampler/Documentation
Mike Kukuk	Terracon	Sampler/Documentation
Bob Couch	Durbin	Sample Packaging
Troy Durbin	Durbin	Decontamination
Charles Hickman	Durbin	Sampling Support
Steve Hennigh	Durbin	Sampling Support
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

The decontamination and sample processing areas were set up and all sampling equipment cleaned prior to beginning sampling. The first samples scheduled to be taken were located across the Spring River. All personnel and sampling equipment were transported across the river in a half-ton truck. Eight (8) discrete samples were taken before moving back across the river to process the samples. The remainder of the samples were taken on the east side of the river.

The weather was mostly sunny with light winds. The temperature was in the mid-50's during the morning and climbed into the mid-70's by the afternoon.

A summary of the samples collected:

32 discrete samples
8 composite samples

All samples were collected at a depth of 0-12 inches from the grid area.

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APR 17 1985

A31-5

E & E K.C.K.

A summary of the samples collected to date:

88 discrete samples
22 composite samples
1 EPA split

PROBLEMS ON-SITE:

Surface samples were inadvertantly taken from locations 137.1, 137.2, 137.3, 137.4. These locations were scheduled to be taken at a depth of 4-6 feet. The soil and brass tags were returned to the sample locations.

Difficulty in locating some of the sample tags has slowed the sampling. A metal detector has been brought to the site to aid in locating the sample tags.

The sample locations on the West side of the Spring River are difficult to collect due to the high water level in the river. Precipitation could make those samples inaccessible for a period of time.

SCHEDULED ACTIVITIES:

No work is scheduled for Saturday or Sunday. Work will resume on Monday, April 15, 1985.

cc: Morris Kay, RGAD
Gary Kepko, EP&R
Bill Keffer, EP&R
Charles Hensley, LABO
Bob Morby, SUPF
Scott Richey, SUPF
Dave Tripp, CNSL
Rowena Michaels, PBAF

David Wagner, WSTM
Paul Doherty, EP&R
Dan Harris, EP&R
Bob Kleopfer, LABO
Craig Smith, SUPF
Bob Feild, SUPF
Jane Werholtz, CNSL
Debbie Kopsick, E&E

April 12, 1985

SUBJECT: Status #2 - Syntex Compliance Monitoring - April 11, 1985

FROM: Nancy Blackman, E&E

TO: John C. Wicklund
ENSV, Director

PERSONNEL ON SITE:

Nancy Blackman - E&E (EPA Observer)
Joe Chandler- E&E (EPA Observer)
Bill Durbin - Durbin
Bob Williams - Syntex
Glen Davis - Syntex
Steve Hennigh - Durbin (Sampler)
Charles Hickman - Durbin (Transport Samples)
Bob Couch - Durbin (Sample Packaging)
Troy Durbin - Durbin (Decontamination)
Mike Kukuk - Terracom (Documentation)
Rowley Tedlock - Terracom (Documentation)
Brad Euliss - Durbin (Support)

SAMPLING ACTIVITIES

The samplers arrived on site at 0800 hours and set up the decontamination and sample preparation areas. The first samples were taken at 0840 hours.

The weather was overcast, light winds and 54°F. The clouds moved out of the area by 1300 hours and the temperature reached 72°F.

Sampling activities were concluded at 1625 hours. Summary of the samples collected today are:

36 discreet samples
9 composite

All samples were taken from the grid area at a depth of 0 to 12 inches. No EPA split samples were collected. A summary of the samples collected to date are 56 discreet samples, 14 composites and 1 EPA split.

PROBLEMS ON SITE

A delay of approximately one hour occurred when the decontamination and sample processing area was moved. The vehicles were stuck in the mud and had to be pulled out.

The sunny conditions and temperatures in the 70s caused sampling to slow down as the samplers needed to take breaks more frequently.

SCHEDULED ACTIVITIES FOR APRIL 12, 1985

The grid sampling will continue. Composite 128 will be taken and row 130 and 140 should be completed if no major problems are encountered.

cc: Morris Kay, RGAD
David Wagner, WSTM
Dave Tripp, CNSL
Robert Morby, SUPF
Rowena Michaels, PBAF
Paul Doherty, EP&R
Bill Keffer, EP&R
Dan Harris, EP&R
Charles Hensley, LABO
Bob Kleopfer, LABO
Craig Smith, SUPF
Scott Richey, SUPF
Bob Field, SUPF
Jane Werholtz, CNSL
Debbie Kopsick, E&E
Gary Kepko, EP&R

April 16, 1985

SUBJECT: STATUS REPORT #4 - Syntex Compliance Monitoring April 15, 1985

FROM: Gary Kepko
OSC, FIRE/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Mike LaBuda	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Rowley Tedlock	Terracon	Sampler/Documentation
Mike Kukuk	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Sample Support
Troy Durbin	Durbin	Decontamination
Bill Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

The sampling personnel arrived on-site at 0800 hours and set up the decontamination and sample preparation areas. Samples were collected from lines 140 and 150 during the day.

The weather was mostly sunny with light northwesterly winds. The temperature was in the low 50's during the morning and climbed to the mid-60's by the afternoon.

A summary of the samples collected:

32 discrete samples
8 composite samples

A summary of the samples collected to date:

120 discrete samples
30 composite samples
1 EPA Split

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APR 17 1985

E & E K.C.K.

PROBLEMS ON-SITE:

The sledge hammer used to push the shelby sampling tubes broke during the afternoon. The sampling was suspended and a new sledge hammer will be brought on-site tomorrow.

SCHEDULED ACTIVITIES:

The grid sampling will continue with sample lines 150 and 160 anticipated to be completed.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

April 17, 1985

MEMORANDUM

SUBJECT: STATUS REPORT #5 - Syntex Compliance Monitoring, April 16, 1985

FROM: Gary E. Kepko
OSC, FIRE/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Mike LaBuda	E&E/FIT	EPA Observer
Bill Durbin		
Rowly Tedlock	Terracon	Sampler/Documentation
Mike Kukuk	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Sample Support
Bob Couch	Durbin	Sample Processing
Troy Durbin	Durbin	Decontamination
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Samples were collected from sample lines 150 and 160. A summary of the samples collected today:

- 43 discrete samples
- 11 composite samples
- 1 EPA split

A summary of the samples collected to date:

- 163 discrete samples
- 41 composite samples
- 2 EPA splits

PROBLEMS ON-SITE:

No problems were encountered today.

SCHEDULED ACTIVITIES:

Samples located on the West side of the Spring River are scheduled to be taken tomorrow. Sample line 170 should also be completed.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

April 18, 1985

MEMORANDUM

SUBJECT: STATUS REPORT #6 - Syntex Compliance Monitoring, April 17, 1985

FROM: Gary E. Kepko
OSC, FIRE/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Mike LaBuda	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Glen Davis	Syntex	
Mike Kukuk	Terracon	Sampler/Documentation
Rowley Tedlock	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Sample Support
Bob Couch	Durbin	Sample Processing
Troy Durbin	Durbin	Decontamination
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Samples were collected from sample lines 160, 170 and 180. The weather conditions were clear skies, southerly winds of 5 to 10 miles per hour and the high reached 79 degrees F.

A summary of the samples collected today:

36 discrete samples
10 composite samples

A summary of the samples collected to date:

199 discrete samples
51 composite samples
2 EPA splits

PROBLEMS ON-SITE:

No problems were encountered today.

SCHEDULED ACTIVITIES:

Grid sampling will continue tomorrow with sample lines 180 and 190 anticipated to be completed.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

April 19, 1985

MEMORANDUM

SUBJECT: Status Report 7
Syntex Compliance Monitoring April 18, 1985

FROM: Gary E. Kepko, OSC
SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Mike LaBuda	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Glen Davis	Syntex	
Bob Williams	Syntex	
Mike Kukuk	Terracon	Sampler/Documentation
Rowley Tedlock	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Sample Support
Bob Couch	Durbin	Sample Processing
Troy Durbin	Durbin	Decontamination
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Samples were collected from sample lines 180 and 190. The temperature reached 82 degrees F. under mostly sunny skies and southerly winds at 5-10 miles per hour.

A special sample was collected from an area that was noticeably void of vegetation. The area was irregularly shaped and approximately 30 feet by 45 feet in area. The sample was located 61 feet 9 inches east of location 186.1, 38 feet west of location 186.2, and 87 feet 6 inches northwest of location 186.3. The sample was given EPA sample number AK651003.

A summary of the samples collected today:

33 discrete samples
8 composite samples
1 EPA samples

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APR 22 1985

E & E K.C.K.

A31-15

A summary of samples collected to date:

232 discrete samples
59 composite sample
3 EPA splits

PROBLEMS ON-SITE:

Sampling has slowed due to the difficulty in boring through gravel.

SCHEDULED ACTIVITIES

Sample line 190 will be completed tomorrow morning. The decontamination and sample processing areas will be moved and the sampling equipment repaired during the afternoon.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Bill Keffer, EP&R
Robert Morby, SUPF
Debbie Kopsick, E&E

April 22, 1985

MEMORANDUM

Subject: Status Report #8 - Syntex Compliance Monitoring April 19, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On-Site Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Mike LaBuda	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
Mike Kukuk	Terracon	Sampler/Documentation
Rowley Tedlock	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Sample Support
Bob Couch	Durbin	Sample Processing
Troy Durbin	Durbin	Decontamination
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Sampling was conducted during the morning so that the afternoon could be spent moving the decontamination and sample processing areas. The sampling equipment was also repaired during the afternoon.

A summary of the samples collected:

8 discrete samples
2 composite samples

A summary of the samples collected to date:

240 discrete samples
61 composite samples
3 EPA splits

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APR 23 1985

E & E K.C.K.

PROBLEMS ON-SITE:

No problems were encountered .

SCHEDULED ACTIVITIES:

No sampling is scheduled until Monday April 22, 1985. Sample lines 200 and 210 will be completed.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morbey, SUPF

April 23, 1985

MEMORANDUM

SUBJECT: Status Report #9
Syntex Compliance Monitoring April 22, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Mike Kukuk	Terracon	Sampler/Documentation
Rowley Tedlock	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Ron Davis	Durbin	Decontamination
Troy Durbin	Durbin	Support
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Twelve discrete samples were collected from grid sample locations 202, 203 and 204. The remaining 16 discrete samples were taken at a depth of 0-6 inches in the spill area.

The weather was overcast with light and moderate rainfall throughout the day. The temperature reached 63 degrees F.

A summary of the samples collected today:

28 discrete samples
7 composite samples

A summary of the samples collected to date:

268 discrete samples
68 composite samples
3 EPA splits

PROBLEMS ON-SITE:

Sampling was slowed by the rain. The sampling trays were placed in plastic bags to keep the rain from diluting the samples.

SCHEDULED ACTIVITIES:

The spill area sampling and grid line 200 will be completed.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

April 25, 1985

MEMORANDUM

SUBJECT: Status Report #11
Syntex Compliance Monitoring April 24, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Glen Davis	Syntex	
Bob Williams	Syntex	

Mike Kukuk	Terracon	Sampler/Documentation
Rowley Tedlock	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Sample Support
Bob Couch	Durbin	Decontamination
Ron Davis	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support

SAMPLING ACTIVITIES:

Thirty six discrete samples were collected from grid sample locations 216, 215, 214, 213, 212, 211, 221, 222, 225, 226 and 236.

The weather was sunny with east winds of 5 mph. The temperature reached 72 degrees F.

A summary of the samples collected today:

36 discrete samples
11 composite samples
1 comparability split

A summary of the samples collected to date:

338 discrete samples
88 composite samples
3 EPA splits
1 comparability split

RECEIVED

APR 30 1985

E&E K.C.K.

A31-21

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Samples will be collected from the grid area. Those grid samples located near the slough area will be deleted until the slough is sampled.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SPFD

April 26, 1985

MEMORANDUM

SUBJECT: Status Report #12
Syntex Compliance Monitoring, April 25, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Mike Kukuk	Terracon	Sampler/Documentation
Rowley Tedlock	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Decontamination
Bob Couch	Durbin	Sample Support
Ron Davis	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support

SAMPLING ACTIVITIES:

Thirty-two discrete samples were collected from grid sample locations 235, 234, 246, 256, 266, 276, 286, 296, 295 and 285.

The weather was sunny with south winds of 5 mph. The temperature reached 75 degrees F.

A summary of the samples collected today:

32 discrete samples
10 composite samples
10 comparability splits

A summary of the samples collected to date:

370 discrete samples
98 composite samples
3 EPA splits
11 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of all the samples collected to date. The weather was sunny with south winds of 5 mph. The temperature reached 75 degrees F.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Samples will be collected from the grid area. Those grid samples, located near the slough area, will be deleted until the slough is sampled.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPARABILITY SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/04/10	104	1035	0-12"	TCDD	NA	NA
	104.1	1035	0-12"	HELD	NA	NA
	104.2	1022	0-12"	HELD	NA	NA
	104.3	1015	0-12"	HELD	NA	NA
	104.4	1020	0-12"	HELD	NA	NA
	105	1055	0-12"	TCDD	AK651001	NA
	105.1	1035	0-12"	HELD	NA	NA
	105.2	1030	0-12"	HELD	NA	NA
	105.3	1047	0-12"	HELD	NA	NA
	105.4	1050	0-12"	HELD	NA	NA
	106	1145	0-12"	TCDD,TCP,TCB,HEX	NA	NA
	106.1	1128	0-12"	HELD	NA	NA
	106.2	1130	0-12"	HELD	NA	NA
	106.3	1110	0-12"	HELD	NA	NA
	106.4	1120	0-12"	HELD	NA	NA
	107	1400	0-12"	TCDD	NA	NA
	107.1	1330	0-12"	HELD	NA	NA
	107.2	1325	0-12"	HELD	NA	NA
	107.3	1340	0-12"	HELD	NA	NA
	107.4	1345	0-12"	HELD	NA	NA
	117	1500	0-12"	TCDD	NA	NA
	117.1	1442	0-12"	HELD	NA	NA
	117.2	1430	0-12"	HELD	NA	NA
	117.3	1415	0-12"	HELD	NA	NA
	117.4	1420	0-12"	HELD	NA	NA

DATE -----	SYNTEX # -----	TIME ----	DEPTH -----	ANALYSIS -----	EPA # -----	NDSCS # -----
85/04/11	113	1120	0-12"	TCDD	NA	NA
	113.1	1055	0-12"	HELD	NA	NA
	113.2	1058	0-12"	HELD	NA	NA
	113.3	1104	0-12"	HELD	NA	NA
	113.4	1052	0-12"	HELD	NA	NA
	114	1055	0-12"	TCDD	NA	NA
	114.1	1023	0-12"	HELD	NA	NA
	114.2	1030	0-12"	HELD	NA	NA
	114.3	1032	0-12"	HELD,	NA	NA
	114.4	1020	0-12"	HELD	NA	NA
	115	0955	0-12"	TCDD	NA	NA
	115.1	0926	0-12"	HELD	NA	NA
	115.2	0934	0-12"	HELD	NA	NA
	115.3	0937	0-12"	HELD	NA	NA
	115.4	0923	0-12"	HELD	NA	NA
	116	0915	0-12"	TCDD	NA	NA
	116.1	0845	0-12"	HELD	NA	NA
	116.2	0847	0-12"	HELD	NA	NA
	116.3	0850	0-12"	HELD	NA	NA
	116.4	0840	0-12"	HELD	NA	NA
	123	1330	0-12"	TCDD	NA	NA
	123.1	1132	0-12"	HELD	NA	NA
	123.2	1130	0-12"	HELD	NA	NA
	123.3	1127	0-12"	HELD	NA	NA
	123.4	1135	0-12"	HELD	NA	NA
	124	1440	0-12"	TCDD, TCP, TCB, HEX	NA	NA
	124.1	1424	0-12"	HELD	NA	NA
	124.2	1421	0-12"	HELD	NA	NA
	124.3	1417	0-12"	HELD	NA	NA

SYNTEX COMPARABILITY SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/04/12	124.4	1429	0-12"	HELD	NA	NA
	125	1500	0-12"	TCDD	NA	NA
	125.1	1443	0-12"	HELD	NA	NA
	125.2	1446	0-12"	HELD	NA	NA
	125.3	1435	0-12"	HELD	NA	NA
	125.4	1440	0-12"	HELD	NA	NA
	126	1520	0-12"	TCDD	NA	NA
	126.1	1506	0-12"	HELD	NA	NA
	126.2	1510	0-12"	HELD	NA	NA
	126.3	1502	0-12"	HELD	NA	NA
	126.4	1504	0-12"	HELD	NA	NA
	127	1600	0-12"	TCDD, TCP, TCB, HEX	NA	NA
	127.1	1547	0-12"	HELD	NA	NA
	127.2	1536	0-12"	HELD	NA	NA
	127.3	1538	0-12"	HELD	NA	NA
	127.4	1544	0-12"	HELD	NA	NA
	128	0940	0-12"	TCDD	NA	NA
	128.1	0907	0-9"	HELD	NA	NA
	128.2	0849	0-12"	HELD	NA	NA
	128.3	0855	0-12"	HELD	NA	NA
	128.4	0858	0-12"	HELD	NA	NA
	132	1355	0-12"	TCDD	NA	NA
	132.1	1323	0-12"	HELD	NA	NA
	132.2	1333	0-12"	HELD	NA	NA
	132.3	1331	0-12"	HELD	NA	NA
	132.4	1326	0-12"	HELD	NA	NA
	133	1340	0-12"	TCDD	NA	NA
	133.1	1320	0-12"	HELD	NA	NA
	133.2	1316	0-12"	HELD	NA	NA
	133.3	1313	0-12"	HELD	NA	NA
	133.4	1308	0-12"	HELD	NA	NA
	134	1320	0-12"	TCDD	NA	NA
	134.1	1257	0-12"	HELD	NA	NA
	134.2	1300	0-12"	HELD	NA	NA
	134.3	1305	0-12"	HELD	NA	NA
	134.4	1253	0-12"	HELD	NA	NA

DATE -----	SYNTEX # -----	TIME ----	DEPTH -----	ANALYSIS -----	EPA # -----	NDSCS # -----
	135	1130	0-12"	TCDD	NA	NA
	135.1	1104	0-12"	HELD	NA	NA
	135.2	1107	0-12"	HELD	NA	NA
	135.3	1110	0-12"	HELD	NA	NA
	135.4	1102	0-12"	HELD	NA	NA
	138	0950	0-12"	TCDD	NA	NA
	138.1	0918	0-12"	HELD	NA	NA
	138.2	0916	0-12"	HELD	NA	NA
	138.3	0914	0-12"	HELD	NA	NA
	138.4	0911	0-12"	HELD	NA	NA
	142	1445	0-12"	TCDD	NA	NA
	142.1	1428	0-12"	HELD	NA	NA
	142.2	1420	0-12"	HELD	NA	NA
	142.3	1407	0-12"	HELD	NA	NA
	142.4	1425	0-12"	HELD	NA	NA
	143	1500	0-12"	TCDD	NA	NA
	143.1	1438	0-12"	HELD	NA	NA
	143.2	1433	0-12"	HELD	NA	NA
	143.3	1445	0-12"	HELD	NA	NA
	143.4	1442	0-12"	HELD	NA	NA

<u>DATE</u>	<u>SYNTEX #</u>	<u>TIME</u>	<u>DEPTH</u>	<u>ANALYSIS</u>	<u>EPA #</u>	<u>NDSCS #</u>
85/04/15	144	0845	0-12"	TCDD	NA	NA
	144.1	0829	0-12"	HELD	NA	NA
	144.2	0818	0-12"	HELD	NA	NA
	144.3	0821	0-12"	HELD	NA	NA
	144.4	0825	0-12"	HELD	NA	NA
	145	0900	0-12"	TCDD	NA	NA
	145.1	0851	0-12"	HELD	NA	NA
	145.2	0834	0-12"	HELD	NA	NA
	145.3	0836	0-12"	HELD	NA	NA
	145.4	0847	0-12"	HELD	NA	NA
	146	0920	0-12"	TCDD, TCP, TCB, HEX	NA	NA
	146.1	0910	0-12"	HELD	NA	NA
	146.2	0857	0-12"	HELD	NA	NA
	146.3	0900	0-12"	HELD	NA	NA
	146.4	0905	0-12"	HELD	NA	NA
	147	1245	0-12"	TCDD, TCP, TCB, HEX	NA	NA
	147.1	0930	0-12"	HELD	NA	NA
	147.2	0912	0-12"	HELD	NA	NA
	147.3	0915	0-12"	HELD	NA	NA
	147.4	1134	0-12"	HELD	NA	NA
	148	1320	0-12"	TCDD, TCP, TCB, HEX	NA	NA
	148.1	1103	0-12"	HELD	NA	NA
	148.2	1100	0-12"	HELD	NA	NA
	148.3	1035	0-12"	HELD	NA	NA
	148.4	1038	0-12"	HELD	NA	NA
	149	1305	0-12"	TCDD	NA	NA
	149.1	1113	0-12"	HELD	NA	NA
	149.2	1106	0-12"	HELD	NA	NA
	149.3	1108	0-12"	HELD	NA	NA
	149.4	1110	0-12"	HELD	NA	NA
	157	1500	0-12"	TCDD	NA	NA
	157.1	1430	0-12"	HELD	NA	NA
	157.2	1405	0-12"	HELD	NA	NA
	157.3	1356	0-12"	HELD	NA	NA
	157.4	1400	0-12"	HELD	NA	NA
	158	1335	0-12"	TCDD	NA	NA
	158.1	1127	0-12"	HELD	NA	NA
	158.2	1125	0-12"	HELD	NA	NA

DATE -----	SYNTEX # -----	TIME -----	DEPTH -----	ANALYSIS -----	EPA # -----	NDSCS # -----
	158.3	1122	0-12"	HELD	NA	NA
	158.4	1119	0-12"	HELD	NA	NA
85/04/16	152	1100	0-12"	TCDD	NA	NA
	152.1	1006	0-12"	HELD	NA	NA
	152.2	1042	0-12"	HELD	NA	NA
	152.3	1037	0-12"	HELD	NA	NA
	152.4	1004	0-12"	HELD	NA	NA
	153	1000	0-12"	TCDD, TCP, TCB, HEX	NA	NA
	153.1	0946	0-12"	HELD	NA	NA
	153.2	0948	0-12"	HELD	NA	NA
	153.3	0951	0-12"	HELD	NA	NA
	153.4	0943	0-12"	HELD	NA	NA
	154	0935	0-12"	TCDD	NA	NA
	154.1	0910	0-12"	HELD	NA	NA
	154.2	0914	0-12"	HELD	NA	NA
	154.3	0916	0-12"	HELD	NA	NA
	154.4	0920	0-12"	HELD	NA	NA
	155	0915	0-12"	TCDD	NA	NA
	155.1	0845	0-12"	HELD	NA	NA
	155.2	0900	0-12"	HELD	NA	NA
	155.3	0857	0-12"	HELD	NA	NA
	155.4	0853	0-12"	HELD	NA	NA
	156	0900	0-12"	TCDD, TCP, TCB, HEX	NA	NA
	156.1	0840	0-12"	HELD	NA	NA
	156.2	0837	0-12"	HELD	NA	NA
	156.3	0835	0-12"	HELD	NA	NA
	156.4	0830	0-12"	HELD	NA	NA
	162	1110	0-12"	TCDD	NA	NA
	162.1	1320	0-12"	HELD	NA	NA
	162.3	1047	0-12"	HELD	NA	NA
	162.4	1054	0-12"	HELD	NA	NA
	163	1125	0-12"	TCDD	NA	NA
	163.1	1108	0-12"	HELD	NA	NA
	163.2	1105	0-12"	HELD	NA	NA
	163.3	1103	0-12"	HELD	NA	NA

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
	163.4	1111	0-12"	HELD	NA	NA
	164	1140	0-12"	TCDD	NA	NA
	164.1	1126	0-12"	HELD	NA	NA
	164.2	1122	0-12"	HELD	NA	NA
	164.3	1116	0-12"	HELD	NA	NA
	164.4	1129	0-12"	HELD	NA	NA
	165	1355	0-12"	TCDD	NA	NA
	165.1	1334	0-12"	HELD	NA	NA
	165.2	1332	0-12"	HELD	NA	NA
	165.3	1328	0-12"	HELD	NA	NA
	165.4	1336	0-12"	HELD	NA	NA
	166	1500	0-12"	TCDD	AK651002	NA
	166.1	1432	0-12"	HELD	NA	NA
	166.2	1430	0-12"	HELD	NA	NA
	166.3	1425	0-12"	HELD	NA	NA
	166.4	1435	0-12"	HELD	NA	NA
	167	1520	0-12"	TCDD	NA	NA
	167.1	1458	0-12"	HELD	NA	NA
	167.2	1456	0-12"	HELD	NA	NA
	167.3	1454	0-12"	HELD	NA	NA
	167.4	1505	0-12"	HELD	NA	NA
85/04/17	168	0915	0-12"	TCDD	NA	NA
	168.2	0840	0-12"	HELD	NA	NA
	168.3	0837	0-12"	HELD	NA	NA
	172	1345	0-12"	TCDD	NA	NA
	172.1	1318	0-12"	HELD	NA	NA
	172.2	1328	0-12"	HELD	NA	NA
	172.3	1325	0-12"	HELD	NA	NA
	172.4	1322	0-12"	HELD	NA	NA
	173	1330	0-12"	TCDD	NA	NA
	173.1	1130	0-12"	HELD	NA	NA
	173.2	1314	0-12"	HELD	NA	NA
	173.3	1311	0-12"	HELD	NA	NA
	173.4	1308	0-12"	HELD	NA	NA

DATE -----	SYNTEX # -----	TIME ----	DEPTH -----	ANALYSIS -----	EPA # -----	NDSCS # -----
	174	1140	0-12"	TCDD	NA	NA
	174.1	1049	0-12"	HELD	NA	NA
	174.2	1125	0-12"	HELD	NA	NA
	174.3	1056	0-12"	HELD	NA	NA
	174.4	1045	0-12"	HELD	NA	NA
	175	1100	0-12"	TCDD	NA	NA
	175.1	1037	0-12"	HELD	NA	NA
	175.2	1039	0-12"	HELD	NA	NA
	175.3	1042	0-12"	HELD	NA	NA
	175.4	1035	0-12"	HELD	NA	NA
	176	1040	0-12"	TCDD	NA	NA
	176.1	0931	0-12"	HELD	NA	NA
	176.2	0934	0-12"	HELD	NA	NA
	176.3	0936	0-12"	HELD	NA	NA
	176.4	0940	0-12"	HELD	NA	NA
	177	0945	0-12"	HELD	NA	NA
	177.1	0926	0-12"	HELD	NA	NA
	177.2	0928	0-12"	HELD	NA	NA
	177.3	0916	0-12"	HELD	NA	NA
	177.4	0923	0-12"	HELD	NA	NA
	178	0930	0-12"	TCDD	NA	NA
	178.2	0848	0-12"	HELD	NA	NA
	178.3	0843	0-12"	HELD	NA	NA
	182	1420	0-12"	TCDD	NA	NA
	182.1	1403	0-12"	HELD	NA	NA
	182.2	1355	0-12"	HELD	NA	NA
	182.3	1325	0-12"	HELD	NA	NA
	182.4	1407	0-12"	HELD	NA	NA
	183	1440	0-12"	TCDD, TCP, TCB, HEX	NA	NA
	183.1	1417	0-12"	HELD	NA	NA
	183.2	1414	0-12"	HELD	NA	NA
	183.3	1411	0-12"	HELD	NA	NA
	183.4	1422	0-12"	HELD	NA	NA

DATE -----	SYNTEX # -----	TIME ----	DEPTH -----	ANALYSIS -----	EPA # -----	NDSCS # -----
85/04/18	184	0900	0-12"	TCDD	NA	NA
	184.1	0841	0-12"	HELD	NA	NA
	184.2	0838	0-12"	HELD	NA	NA
	184.3	0835	0-12"	HELD	NA	NA
	184.4	0844	0-12"	HELD	NA	NA
	185	0920	0-12"	TCDD	NA	NA
	185.1	0853	0-12"	HELD	NA	NA
	185.2	0850	0-12"	HELD	NA	NA
	185.3	0847	0-12"	HELD	NA	NA
	185.4	0956	0-12"	HELD	NA	NA
	186	1000	0-12"	TCDD, TCP, TCB, HEX	NA	NA
	186.1	0937	0-12"	HELD	NA	NA
	186.2	0931	0-12"	HELD	NA	NA
	186.2001	0935	0-12"	HELD	AK651003	NA
	186.3	0928	0-12"	HELD	NA	NA
	186.4	0939	0-12"	HELD	NA	NA
	187	1010	0-12"	TCDD	NA	NA
	187.1	0945	0-12"	HELD	NA	NA
	187.2	0943	0-12"	HELD	NA	NA
	187.3	0953	0-12"	HELD	NA	NA
	187.4	0949	0-12"	HELD	NA	NA
	194	1535	0-12"	TCDD	NA	NA
	194.1	1505	0-12"	HELD	NA	NA
	194.2	1520	0-12"	HELD	NA	NA
	194.3	1510	0-9"	HELD	NA	NA
	196	1425	0-12"	TCDD	NA	NA
	196.1	1400	0-12"	HELD	NA	NA
	196.2	1410	0-12"	HELD	NA	NA
	196.3	1407	0-12"	HELD	NA	NA
	196.4	1404	0-12"	HELD	NA	NA
	197	1355	0-12"	TCDD	NA	NA
	197.1	1103	0-12"	HELD	NA	NA
	197.2	1330	0-12"	HELD	NA	NA
	197.3	1328	0-12"	HELD	NA	NA
	197.4	1056	0-12"	HELD	NA	NA
	207	1350	0-12"	TCDD	NA	NA
	207.1	1108	0-12"	HELD	NA	NA
	207.2	1335	0-12"	HELD	NA	NA
	207.3	1332	0-12"	HELD	NA	NA
	207.4	1105	0-12"	HELD	NA	NA

DATE -----	SYNTEX # -----	TIME ----	DEPTH -----	ANALYSIS -----	EPA # -----	NDSCS # -----
85/04/19	192	1140	0-12"	TCDD	NA	NA
	192.1	1047	0-12"	HELD	NA	NA
	192.2	1124	0-12"	HELD	NA	NA
	192.3	1105	0-10"	HELD	NA	NA
	192.4	0950	0-12"	HELD	NA	NA
	193	0945	0-12"	TCDD	NA	NA
	193.1	0856	0-12"	HELD	NA	NA
	193.2	0930	0-12"	HELD	NA	NA
	193.3	0906	0-12"	HELD	NA	NA
	193.4	0840	0-12"	HELD	NA	NA
85/04/22	194.1001	1355	0-6"	HELD	NA	NA
	194.1002	1350	0-6"	HELD	NA	NA
	195.2006	1407	0-6"	HELD	NA	NA
	195.2007	1403	0-6"	HELD	NA	NA
	202	0930	0-12"	TCDD	NA	NA
	202.1	0915	0-12"	HELD	NA	NA
	202.2	0909	0-12"	HELD	NA	NA
	202.3	0900	0-12"	HELD	NA	NA
	202.4	0920	0-12"	HELD	NA	NA
	203	1110	0-12"	TCDD	NA	NA
	203.1	0950	0-12"	HELD	NA	NA
	203.2	1055	0-12"	HELD	NA	NA
	203.3	0930	0-12"	HELD	NA	NA
	203.4	0936	0-12"	HELD	NA	NA
	204	1320	0-12"	TCDD	NA	NA
	204.1	1125	0-12"	HELD	NA	NA
	204.2	1110	0-12"	HELD	NA	NA
	204.3	1100	0-12"	HELD	NA	NA
	204.4	1152	0-12"	HELD	NA	NA
	204.4001	1422	0-6"	HELD	NA	NA
	204.4002	1445	0-6"	HELD	NA	NA
	204.4003	1510	0-6"	HELD	NA	NA
	204.4007	1411	0-6"	HELD	NA	NA
	204.4008	1438	0-6"	HELD	NA	NA
	204.4009	1503	0-6"	HELD	NA	NA

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	-----	-----	-----	-----	-----
	205.3001	1432	0-6"	HELD	NA	NA
	205.3002	1454	0-6"	HELD	NA	NA
	205.3003	1523	0-6"	HELD	NA	NA
	205.3007	1426	0-6"	HELD	NA	NA
	205.3008	1449	0-6"	HELD	NA	NA
	205.3009	1518	0-6"	HELD	NA	NA
	3889	1415	0-6"	TCDD	NA	NA
	3907	1448	0-6"	TCDD	NA	NA
	3925	1510	0-6"	TCDD	NA	NA
	3943	1535	0-6"	TCDD	NA	NA
85/04/23	195	1142	0-12"	HELD	NA	NA
	195.1	1120	0-12"	HELD	NA	NA
	195.2	1117	0-12"	HELD	NA	NA
	195.3	1127	0-12"	HELD	NA	NA
	195.4	1124	0-12"	HELD	NA	NA
	204.1001	1045	0-6"	HELD	NA	NA
	204.1002	1040	0-6"	HELD	NA	NA
	204.4004	0840	0-6"	HELD	NA	NA
	204.4005	0908	0-6"	HELD	NA	NA
	204.4006	0936	0-6"	HELD	NA	NA
	204.4010	0833	0-6"	HELD	NA	NA
	204.4011	0901	0-6"	HELD	NA	NA
	204.4012	0930	0-6"	HELD	NA	NA
	205	1330	0-12"	TCDD	NA	NA
	205.1	1322	0-12"	HELD	NA	NA
	205.2	1319	0-12"	HELD	NA	NA
	205.2001	1056	0-6"	HELD	NA	NA
	205.2002	1050	0-6"	HELD	NA	NA
	205.3004	0855	0-6"	HELD	NA	NA
	205.3005	0921	0-6"	HELD	NA	NA
	205.3006	1032	0-6"	HELD	NA	NA
	205.3010	0848	0-6"	HELD	NA	NA
	205.3011	0915	0-6"	HELD	NA	NA
	205.3012	1025	0-6"	HELD	NA	NA
	206	1350	0-12"	TCDD	NA	NA
	206.1	1334	0-12"	HELD	NA	NA

DATE.	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
	206.2	1326	0-12"	HELD	NA	NA
	206.3	1329	0-12"	HELD	NA	NA
	206.4	1331	0-12"	HELD	NA	NA
	217	1520	0-12"	TCDD	NA	NA
	217.1	1417	0-12"	HELD	NA	NA
	217.2	1505	0-12"	HELD	NA	NA
	217.3	1502	0-12"	HELD	NA	NA
	217.4	1421	0-12"	HELD	NA	NA
	227	1525	0-12"	TCDD	NA	NA
	227.1	1426	0-12"	HELD	NA	NA
	227.2	1510	0-12"	HELD	NA	NA
	227.3	1507	0-12"	HELD	NA	NA
	227.4	1435	0-12"	HELD	NA	NA
	3961	0859	0-6"	TCDD	NA	NA
	3979	0925	0-6"	TCDD	NA	NA
	4015	1100	0-6"	TCDD	NA	NA
85/04/24	211	1145	0-12"	TCDD	NA	NA
	211.1	1130	0-12"	HELD	NA	NA
	211.4	1121	0-12"	HELD	NA	NA
	212	1120	0-12"	TCDD	NA	NA
	212.1	1055	0-12"	HELD	NA	NA
	212.2	1100	0-12"	HELD	NA	NA
	212.3	1110	0-12"	HELD	NA	NA
	212.4	1047	0-12"	HELD	NA	NA
	213	1020	0-12"	TCDD, TCP, TCB, HEX	NA	NA
	213.3	1004	0-12"	HELD	NA	NA
	213.4	0956	0-12"	HELD	NA	NA
	214	1000	0-12"	TCDD	NA	NA
	214.3	0947	0-12"	HELD	NA	NA
	214.4	0939	0-12"	HELD	NA	NA
	215	0915	0-12"	TCDD	NA	NA
	215.1	0907	0-12"	HELD	NA	NA
	215.2	0902	0-12"	HELD	NA	NA
	215.3	0855	0-12"	HELD	NA	NA
	215.4	0853	0-12"	HELD	NA	NA

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
	216	0857	0-12"	TCDD, TCP, TCB, HEX	NA	NA
	216.1	0842	0-12"	HELD	NA	NA
	216.2	0844	0-12"	HELD	NA	NA
	216.3	0848	0-12"	HELD	NA	NA
	216.4	0839	0-12"	HELD	NA	NA
	221	1400	0-12"	TCDD	NA	NA
	221.1	1343	0-12"	HELD	NA	NA
	221.4	1310	0-12"	HELD	NA	NA
	222	1350	0-12"	TCDD	NA	NA
	222.1	1322	0-12"	HELD	NA	NA
	222.2	1326	0-12"	HELD	NA	NA
	222.3	1337	0-12"	HELD	NA	NA
	222.4	1319	0-12"	HELD	NA	NA
	225	1420	0-12"	TCDD	NA	NA
	225.1	1400	0-12"	HELD	NA	NA
	225.2	1350	0-12"	HELD	NA	NA
	225.3	1354	0-12"	HELD	NA	NA
	225.4	1405	0-12"	HELD	NA	NA
	226	1510	0-12"	TCDD	NA	NA
	226.1	1450	0-12"	HELD	NA	NA
	226.2	1454	0-12"	HELD	NA	NA
	226.3	1440	0-12"	HELD	NA	NA
	226.4	1446	0-12"	HELD	NA	NA
	236	1530	0-12"	TCDD	NA	DG007001
	236.1	1510	0-12"	HELD	NA	NA
	236.2	1514	0-12"	HELD	NA	NA
	236.3	1516	0-12"	HELD	NA	NA
	236.4	1506	0-12"	HELD	NA	NA
85/04/25	234	0915	0-12"	TCDD, TCP, TCB, HEX	NA	DG007003
	234.1	0857	0-12"	HELD	NA	NA
	234.2	0902	0-12"	HELD	NA	NA
	235	0910	0-12"	TCDD	NA	DG007002

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
	235.1	0845	0-12"	HELD	NA	NA
	235.2	0853	0-12"	HELD	NA	NA
	235.4	0848	0-12"	HELD	NA	NA
	246	1100	0-12"	TCDD, TCP, TCB, HEX	NA	DG007004
	246.1	1022	0-12"	HELD	NA	NA
	246.2	1046	0-12"	HELD	NA	NA
	246.3	1041	0-12"	HELD	NA	NA
	246.4	1017	0-12"	HELD	NA	NA
	256	1115	0-12	TCDD	NA	DG007008
	256.1	1055	0-12"	HELD	NA	NA
	256.2	1053	0-12"	HELD	NA	NA
	256.3	1049	0-12"	HELD	NA	NA
	256.4	1058	0-12"	HELD	NA	NA
	266	1150	0-12"	TCDD	NA	DG007102
	266.1	1120	0-12"	HELD	NA	NA
	266.2	1134	0-12"	HELD	NA	NA
	266.3	1131	0-12"	HELD	NA	NA
	266.4	1126	0-12"	HELD	NA	NA
	276	1335	0-12"	TCDD, TCP, TCB, HEX	NA	DG007106
	276.1	1326	0-12"	HELD	NA	NA
	276.2	1323	0-12"	HELD	NA	NA
	276.3	1320	0-12"	HELD	NA	NA
	276.4	1314	0-12"	HELD	NA	NA
	285	1534	0-12"	TCDD	NA	DG007203
	285.1	1509	0-12"	HELD	NA	NA
	285.2	1505	0-12"	HELD	NA	NA
	285.3	1516	0-12"	HELD	NA	NA
	285.4	1513	0-12"	HELD	NA	NA
	286	1400	0-12"	TCDD	NA	DG007202
	286.1	1340	0-12"	HELD	NA	NA
	286.2	1337	0-12"	HELD	NA	NA
	286.3	1330	0-12"	HELD	NA	NA
	286.4	1334	0-12"	HELD	NA	NA
	295	1452	0-12"	TCDD	NA	DG007208
	295.3	1440	0-12"	HELD	NA	NA
	295.4	1434	0-12"	HELD	NA	NA
	296.3	1420	0-12"	TCDD	NA	DG007207

Count: 466

466

466

April 29, 1985

MEMORANDUM

**SUBJECT: Status Report #13
Syntex Compliance Monitoring, April 26, 1985**

**FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV**

**TO: John C. Wicklund
Director, ENSV**

PERSONNEL ON-SITE:

Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
Mike Kukuk	Terracon	Sampler/Documentation
Rowley Tedlock	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Ron Davis	Durbin	Decontamination
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Thirty-nine discrete samples were collected from grid sample locations 275, 265, 255, 245, 294, 284, 274, 254, 264, 293, 244 and 243.

A summary of the samples collected today:

39 discrete samples
12 composite samples
12 comparability splits
2 EPA splits

A summary of the samples collected to date:

409 discrete samples
110 composite samples
5 EPA splits
23 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Samples will be collected from the grid area.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	-----	-----	-----	-----	-----
85/04/26	243	1415	0-12"	TCDD, TCP, TCB, HEX	NA	DG007007
	243.2	1403	0-12"	HELD	NA	NA
	243.3	1400	0-12"	HELD	NA	NA
	244	1340	0-12"	TCDD	AK651005	DG007006
	244.1	1316	0-12"	HELD	NA	NA
	244.2	1325	0-12"	HELD	NA	NA
	244.4	1323	0-12"	HELD	NA	NA
	245	1002	0-12"	TCDD	AK651004	DG007005
	245.1	0938	0-12"	HELD	NA	NA
	245.2	0936	0-12"	HELD	NA	NA
	245.3	0943	0-12"	HELD	NA	NA
	245.4	0941	0-12"	HELD	NA	NA
	254	1130	0-12"	TCDD	NA	DG007101
	254.1	1104	0-12"	HELD	NA	NA
	254.2	1101	0-12"	HELD	NA	NA
	254.3	1110	0-12"	HELD	NA	NA
	254.4	1107	0-12"	HELD	NA	NA
	255	0950	0-12"	TCDD, TCP, TCB, HEX	NA	DG007009
	255.1	0930	0-12"	HELD	NA	NA
	255.2	0927	0-12"	HELD	NA	NA
	255.3	0934	0-12"	HELD	NA	NA
	255.4	0932	0-12"	HELD	NA	NA
	264	1313	0-12"	TCDD	NA	DG007104
	264.1	1300	0-12"	HELD	NA	NA
	264.4	1303	0-12"	HELD	NA	NA
	265	0935	0-12"	TCDD	NA	DG007103
	265.1	0909	0-12"	HELD	NA	NA
	265.2	0906	0-12"	HELD	NA	NA
	265.3	0914	0-12"	HELD	NA	NA
	265.4	0911	0-12"	HELD	NA	NA
	274	1117	0-12"	TCDD	NA	DG007108
	274.1	1049	0-12"	HELD	NA	NA
	274.2	1046	0-12"	HELD	NA	NA
	274.3	1056	0-12"	HELD	NA	NA
	274.4	1053	0-12"	HELD	NA	NA

DATE -----	SYNTEX # -----	TIME ----	DEPTH -----	ANALYSIS -----	EPA # -----	NDSCS # -----
	275	0915	0-12"	TCDD	NA	DG007107
	275.1	0858	0-12"	HELD	NA	NA
	275.2	0901	0-12"	HELD	NA	NA
	275.3	0903	0-12"	HELD	NA	NA
	275.4	0855	0-12"	HELD	NA	NA
	284	1100	0-12"	TCDD	NA	DG007204
	284.1	1032	0-12"	HELD	NA	NA
	284.2	1029	0-12"	HELD	NA	NA
	284.3	1043	0-12"	HELD	NA	NA
	284.4	1040	0-12"	HELD	NA	NA
	293	1320	0-12"	TCDD	NA	DG007301
	293.3	1311	0-12"	HELD	NA	NA
	293.4	1307	0-12"	HELD	NA	NA
	294	1055	0-12"	TCDD	NA	DG007209
	294.3	1027	0-12"	HELD	NA	NA
	294.4	1025	0-12"	HELD	NA	NA

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
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Count:	51
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A31-43

April 30, 1985

MEMORANDUM

SUBJECT: Status Report #14
Syntex Compliance Monitoring April 29, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
John Anderson	Terracon	Sampler/Documentation
Rowley Tedlock	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Ron Davis	Durbin	Decontamination
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support

SAMPLING ACTIVITIES:

Twenty-one discrete samples were collected from grid sample locations 292, 291, 281, 282, 272, 271 and 263. Fourteen samples were collected along the fenceline dividing the Syntex property from the adjoining property. These samples were taken at a depth of 0-12 inches.

A summary of the samples collected today:

35 discrete samples
7 composite samples
21 comparability splits

A summary of the samples collected to date:

444 discrete samples
117 composite samples
5 EPA splits
44 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling of the slough area will begin tomorrow. The 50-foot offset and the 10-foot offset along the western side of the slough are scheduled to be sampled first.

Attachment

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	---	-----	-----	-----	-----
85/04/29	233.3001	1425	0-12"	TCDD	NA	DG007406
	233.3002	1430	0-12"	TCDD	NA	DG007407
	233.3003	1434	0-12"	TCDD	NA	DG007408
	233.4002	1401	0-12"	TCDD	NA	DG007404
	233.4003	1359	0-12"	TCDD	NA	DG007405
	234.3002	1350	0-12"	TCDD	NA	DG007402
	234.3003	1347	0-12"	TCDD	NA	DG007403
	234.4002	1337	0-12"	TCDD	NA	DG007309
	234.4003	1339	0-12"	TCDD	NA	DG007401
	235.3001	1328	0-12"	TCDD	NA	DG007306
	235.3002	1334	0-12"	TCDD	NA	DG007307
	235.3003	1331	0-12"	TCDD	NA	DG007308
	235.4001	1314	0-12"	TCDD	NA	DG007304
	235.4002	1316	0-12"	TCDD	NA	DG007305
	263	1320	0-12"	TCDD	NA	DG007105
	263.1	1121	0-12"	HELD	NA	NA
	263.2	1114	0-12"	HELD	NA	NA
	263.3	1128	0-12"	HELD	NA	NA
	263.4	1124	0-12"	HELD	NA	NA
	271	1310	0-12"	TCDD	NA	DG007201
	271.1	1106	0-12"	HELD	NA	NA
	271.4	1109	0-12"	HELD	NA	NA
	272	1110	0-12"	TCDD	NA	DG007109
	272.1	1041	0-12"	HELD	NA	NA
	272.2	1050	0-12"	HELD	NA	NA
	272.3	1047	0-12"	HELD	NA	NA
	272.4	1045	0-12"	HELD	NA	NA
	281	0955	0-12"	TCDD	NA	DG007206
	281.1	0938	0-12"	HELD	NA	NA
	281.2	0934	0-12"	HELD	NA	NA
	281.4	0941	0-12"	HELD	NA	NA
	282	1040	0-12"	TCDD	NA	DG007205
	282.1	0951	0-12"	HELD	NA	NA
	282.2	0947	0-12"	HELD	NA	NA
	282.3	0944	0-12"	HELD	NA	NA
	282.4	0954	0-12"	HELD	NA	NA
	291	0920	0-12"	TCDD	NA	DG007303
	291.3	0906	0-12"	HELD	NA	NA
	291.4	0903	0-12"	HELD	NA	NA
	292	0915	0-12"	TCDD	NA	DG007302
	292.3	0859	0-12"	HELD	NA	NA
	292.4	0855	0-12"	HELD	NA	NA

 Count: 42

May 1, 1985

MEMORANDUM

SUBJECT: Status Report #15
Syntex Compliance Monitoring, April 30, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
John Anderson	Terracon	Sampler/Documentation
Rowley Tedlock	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Decontamination
Bob Couch	Durbin	Sample Preparation
Ron Davis	Durbin	Sample Support
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support

SAMPLING ACTIVITIES:

The western 50 foot offset of the slough area was completed along with one composite from the western 10 foot offset.

A summary of the samples collected today:

50 discrete samples
5 composite samples
5 comparability splits

A summary of the samples collected to date:

494 discrete samples
122 composite samples
5 EPA splits
49 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today.

PROBLEMS ON-SITE:

Sampling was suspended at 1500 hours due to severe thunderstorms in the area.

SCHEDULED ACTIVITIES:

The western 10 foot offset and the eastern 50 foot offset of the slough will be completed.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SPFD

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	-----	-----	-----	-----	-----
85/04/30	1200.1	1410	0-12"	HELD	NA	DG007603
	1200.2	1450	0-12"	TCDD	NA	DG007604
	300.1	0940	0-12"	HELD	NA	DG007409
	4600.1	0843	0-12"	HELD	NA	NA
	4630.1	0846	0-12"	HELD	NA	NA
	4660.1	0848	0-12"	HELD	NA	NA
	4690.1	0850	0-12"	HELD	NA	NA
	4720.1	0852	0-12"	HELD	NA	NA
	4750.1	0856	0-12"	HELD	NA	NA
	4780.1	0858	0-12"	HELD	NA	NA
	4810.1	0900	0-12"	HELD	NA	NA
	4840.1	0914	0-12"	HELD	NA	NA
	4870.1	0916	0-12"	HELD	NA	NA
	4900.1	0920	0-12"	HELD	NA	NA
	4930.1	0924	0-12"	HELD	NA	NA
	4960.1	0926	0-12"	HELD	NA	NA
	4990.1	0950	0-12"	HELD	NA	NA
	5020.1	0952	0-12"	HELD	NA	NA
	5050.1	0954	0-12"	HELD	NA	NA
	5080.1	0956	0-12"	HELD	NA	NA
	5110.1	0958	0-12"	HELD	NA	NA
	5140.1	1002	0-12"	HELD	NA	NA
	5170.1	1004	0-12"	HELD	NA	NA
	5200.1	1036	0-12"	HELD	NA	NA
	5230.1	1038	0-12"	HELD	NA	NA
	5260.1	1040	0-12"	HELD	NA	NA
	5290.1	1043	0-12"	HELD	NA	NA
	5320.1	1045	0-12"	HELD	NA	NA
	5350.1	1047	0-12"	HELD	NA	NA
	5380.1	1049	0-12"	HELD	NA	NA
	5410.1	1054	0-12"	HELD	NA	NA
	5440.1	1059	0-12"	HELD	NA	NA
	5470.1	1101	0-12"	HELD	NA	NA
	5500.1	1330	0-12"	HELD	NA	NA
	5500.2	1431	0-12"	HELD	NA	NA
	5530.1	1333	0-12"	HELD	NA	NA
	5530.2	1429	0-12"	HELD	NA	NA
	5560.1	1335	0-12"	HELD	NA	NA
	5560.2	1427	0-12"	HELD	NA	NA
	5590.1	1337	0-12"	HELD	NA	NA
	5590.2	1426	0-12"	HELD	NA	NA
	5620.1	1339	0-12"	HELD	NA	NA
	5620.2	1424	0-12"	HELD	NA	NA
	5650.1	1341	0-12"	HELD	NA	NA
	5650.2	1420	0-11"	HELD	NA	NA

DATE -----	SYNTEX # -----	TIME -----	DEPTH -----	ANALYSIS -----	EPA # -----	NDSCS # -----
	5680.1	1343	0-12"	HELD	NA	NA
	5680.2	1414	0-12"	HELD	NA	NA
	5710.1	1344	0-12"	HELD	NA	NA
	5710.2	1355	0-12"	HELD	NA	NA
	5740.1	1346	0-12"	HELD	NA	NA
	5740.2	1353	0-12"	HELD	NA	NA
	5770.1	1347	0-12"	HELD	NA	NA
	5770.2	1351	0-12"	HELD	NA	NA
	600.1	1045	0-12"	HELD	NA	DG007504
	900.1	1125	0-12"	HELD	NA	DG007508

Count: 55

May 2, 1985

MEMORANDUM

SUBJECT: Status Report #16
Syntex Compliance Monitoring May 1, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
John Anderson	Terracon	Sampler/Documentation
Rowley Tedlock	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Decontamination
Bob Couch	Durbin	Sample Preparation
Ron Davis	Durbin	Sample Support
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support

SAMPLING ACTIVITIES:

The western 10-foot offset of the slough area was completed along with three composites from the eastern 10-foot offset.

A summary of the samples collected today:

60 discrete samples
6 composite samples
6 comparability splits

A summary of the samples collected to date:

554 discrete samples
128 composite samples
5 EPA splits
55 comparability split.

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today.

RECEIVED

MAY 06 1985

A31-51

RECEIVED

E&E K.C.K.

E&E K.C.K.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

The eastern 10 foot offset and the eastern 50 foot offset of the slough will be completed.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
/05/01	300.2	1130	0-12"	TCDD	NA	DG007501
	300.3	1340	0-12"	TCDD	NA	DG007502
	4600.2	1111	0-12"	HELD	NA	NA
	4600.3	1255	0-12"	HELD	NA	NA
	4630.2	1106	0-12"	HELD	NA	NA
	4630.3	1257	0-12"	HELD	NA	NA
	4660.2	1104	0-12"	HELD	NA	NA
	4660.3	1300	0-12"	HELD	NA	NA
	4690.2	1101	0-12"	HELD	NA	NA
	4690.3	1303	0-12"	HELD	NA	NA
	4720.2	1059	0-12"	HELD	NA	NA
	4720.3	1305	0-12"	HELD	NA	NA
	4750.2	1057	0-12"	HELD	NA	NA
	4750.3	1307	0-12"	HELD	NA	NA
	4780.2	1055	0-12"	HELD	NA	NA
	4780.3	1309	0-12"	HELD	NA	NA
	4810.2	1053	0-12"	HELD	NA	NA
	4810.3	1311	0-12"	HELD	NA	NA
	4840.2	1050	0-12"	HELD	NA	NA
	4840.3	1313	0-12"	HELD	NA	NA
	4870.2	1048	0-12"	HELD	NA	NA
	4870.3	1315	0-12"	HELD	NA	NA
	4900.2	0944	0-12"	HELD	NA	NA
	4900.3	1355	0-12"	HELD	NA	NA
	4930.2	0940	0-12"	HELD	NA	NA
	4930.3	1357	0-12"	HELD	NA	NA
	4960.2	0938	0-12"	HELD	NA	NA
	4960.3	1359	0-12"	HELD	NA	NA
	4990.2	0936	0-12"	HELD	NA	NA
	4990.3	1401	0-12"	HELD	NA	NA
	5020.2	0935	0-12"	HELD	NA	NA
	5020.3	1403	0-12"	HELD	NA	NA
	5050.2	0930	0-12"	HELD	NA	NA
	5050.3	1405	0-12"	HELD	NA	NA
	5080.2	0924	0-12"	HELD	NA	NA
	5080.3	1407	0-12"	HELD	NA	NA
	5110.2	0920	0-12"	HELD	NA	NA
	5110.3	1409	0-12"	HELD	NA	NA
	5140.2	0909	0-12"	HELD	NA	NA
	5140.3	1410	0-12"	HELD	NA	NA
	5170.2	0907	0-12"	HELD	NA	NA
	5170.3	1411	0-12"	HELD	NA	NA
	5200.2	0906	0-12"	HELD	NA	NA
	5200.3	1439	0-12"	HELD	NA	NA
	5230.2	0904	0-12"	HELD	NA	NA
	5230.3	1443	0-12"	HELD	NA	NA
	5260.2	0901	0-12"	HELD	NA	NA
	5260.3	1446	0-12"	HELD	NA	NA

DATE -----	SYNTEX # -----	TIME ----	DEPTH -----	ANALYSIS -----	EPA # -----	NDSCS # -----
	5290.2	0859	0-12"	HELD	NA	NA
	5290.3	1448	0-12"	HELD	NA	NA
	5320.2	0857	0-12"	HELD	NA	NA
	5320.3	1450	0-12"	HELD	NA	NA
	5350.2	0855	0-12"	HELD	NA	NA
	5350.3	1453	0-12"	HELD	NA	NA
	5380.2	0853	0-12"	HELD	NA	NA
	5380.3	1455	0-12"	HELD	NA	NA
	5410.2	0850	0-12"	HELD	NA	NA
	5410.3	1457	0-12"	HELD	NA	NA
	5440.2	0847	0-12"	HELD	NA	NA
	5440.3	1500	0-12"	HELD	NA	NA
	5470.2	0845	0-12"	HELD	NA	NA
	5470.3	1502	0-12"	HELD	NA	NA
	600.2	1040	0-12"	TCDD	NA	DG007505
	600.3	1430	0-12"	TCDD	NA	DG007506
	900.2	0920	0-12"	TCDD	NA	DG007509
	900.3	1530	0-12"	TCDD	NA	DG007601

Count: 66

May 3, 1985

MEMORANDUM

SUBJECT: Status Report #17
Syntex Compliance Monitoring May 2, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Jack Durbin	Durbin	
John Anderson	Terracon	Sampler/Documentation
Rowley Tedlock	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Support
Bob Couch	Durbin	Sample Support
Ron Davis	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Decontamination

SAMPLING ACTIVITIES:

The eastern 10 and 50 foot offsets of the slough area were completed.

A summary of the samples collected today:

50 discrete samples
5 composite samples
5 comparability splits

A summary of the samples collected to date:

604 discrete samples
133 composite samples
5 EPA splits
60 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today.

PROBLEMS ON-SITE:

No problems were encountered:

SCHEDULED ACTIVITIES:

The center of the slough will be sampled tomorrow.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morbey, SUPF
Charles Hensley, LABO

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/05/02	1200.3	0930	0-12"	TCDD	NA	DG007605
	1200.4	1025	0-12"	HELD	NA	DG007606
	300.4	1435	0-12"	HELD	NA	DG007503
	4600.4	1414	0-12"	HELD	NA	NA
	4630.4	1410	0-12"	HELD	NA	NA
	4660.4	1408	0-12"	HELD	NA	NA
	4690.4	1403	0-12"	HELD	NA	NA
	4720.4	1400	0-12"	HELD	NA	NA
	4750.4	1358	0-12"	HELD	NA	NA
	4780.4	1356	0-12"	HELD	NA	NA
	4810.4	1354	0-12"	HELD	NA	NA
	4840.4	1352	0-12"	HELD	NA	NA
	4870.4	1350	0-12"	HELD	NA	NA
	4900.4	1320	0-12"	HELD	NA	NA
	4930.4	1318	0-12"	HELD	NA	NA
	4960.4	1316	0-12"	HELD	NA	NA
	4990.4	1314	0-12"	HELD	NA	NA
	5020.4	1312	0-12"	HELD	NA	NA
	5050.4	1311	0-12"	HELD	NA	NA
	5080.4	1309	0-12"	HELD	NA	NA
	5110.4	1307	0-12"	HELD	NA	NA
	5140.4	1305	0-12"	HELD	NA	NA
	5170.4	1303	0-12"	HELD	NA	NA
	5200.4	1110	0-12"	HELD	NA	NA
	5230.3	0914	0-12"	HELD	NA	NA
	5230.4	1108	0-12"	HELD	NA	NA
	5260.4	1106	0-12"	HELD	NA	NA
	5290.4	1104	0-12"	HELD	NA	NA
	5320.4	1101	0-12"	HELD	NA	NA
	5350.4	1058	0-12"	HELD	NA	NA
	5380.4	1056	0-12"	HELD	NA	NA
	5410.4	1054	0-12"	HELD	NA	NA
	5440.4	1052	0-12"	HELD	NA	NA
	5470.4	1050	0-12"	HELD	NA	NA
	5500.3	0843	0-12"	HELD	NA	NA
	5500.4	1005	0-12"	HELD	NA	NA
	5530.3	0845	0-12"	HELD	NA	NA
	5530.4	1003	0-12"	HELD	NA	NA
	5560.3	0847	0-12"	HELD	NA	NA
	5560.4	1001	0-12"	HELD	NA	NA
	5590.3	0849	0-12"	HELD	NA	NA
	5590.4	0958	0-12"	HELD	NA	NA
	5620.3	0851	0-12"	HELD	NA	NA
	5620.4	0956	0-12"	HELD	NA	NA
	5650.3	0853	0-12"	HELD	NA	NA
	5650.4	0952	0-12"	HELD	NA	NA
	5680.3	0856	0-12"	HELD	NA	NA

DATE -----	SYNTEX # -----	TIME ----	DEPTH -----	ANALYSIS -----	EPA # -----	NDSCS # -----
	5680.4	0950	0-12"	HELD	NA	NA
	5710.3	0858	0-12"	HELD	NA	NA
	5710.4	0946	0-12"	HELD	NA	NA
	5740.3	0904	0-12"	HELD	NA	NA
	5740.4	0944	0-12"	HELD	NA	NA
	5770.3	0906	0-12"	HELD	NA	NA
	5770.4	0941	0-12"	HELD	NA	NA
	600.4	1345	0-12"	HELD	NA	DG007507
	900.4	1130	0-12"	HELD	NA	DG007602

 Count: 56

May 6, 1985

MEMORANDUM

SUBJECT: Status Report #18
Syntex Compliance Monitoring, May 3, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Jack Durbin	Durbin	
Bob Williams	Syntex	
John Anderson	Terracon	Sampler/Documentation
Rowley Tedlock	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Sample Support
Ron Davis	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Decontamination

SAMPLING ACTIVITIES:

Two discrete samples were collected from the center of the slough area.

A summary of the samples collected today:

2 discrete samples

A summary of the samples collected to date:

606 discrete samples
133 composite samples
5 EPA splits
60 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today.

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PROBLEMS ON-SITE:

The water and sludge in the slough prevented the collection of the multiple level samples described in the work plan. 0 to 9-inch samples will be collected instead of the 0-9 and 9-18-inch samples with the understanding that during cleanup operations additional testing will be done to confirm the absence of any contamination.

SCHEDULED ACTIVITIES:

The center of the slough will be sampled Monday.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/05/03	5700.6009	1500	0-9"	HELD	NA	NA
	5800.6009	1207	0-9"	HELD	NA	NA

 Count: 2

May 7, 1985

MEMORANDUM

SUBJECT: Status Report #19
Syntex Compliance Monitoring, May 6, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
John Hartwell	Terracon	
Dave Koch	Terracon	
John Anderson	Terracon	Sampler/Documentation
Rowley Tedlock	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Sample Support
Ron Davis	Durbin	Decontamination
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support
John Organ	Terracon	Driller
Rick Murphy	Terracon	Driller

SAMPLING ACTIVITIES:

Five discrete samples were collected from the center of the slough area.

A summary of the samples collected today:

5 discrete samples

A summary of the samples collected to date:

611 discrete samples
133 composite samples
5 EPA splits
60 comparability split

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E & E K.C.K.

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today.

PROBLEMS ON-SITE:

Sampling of the slough continues to be a slow process due to limited sample recovery in the sample tubes.

SCHEDULED ACTIVITIES:

Sampling of the slough center will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/03/06	5200.6009	1520	0-9"	HELD	NA	NA
	5300.6009	1400	0-9"	HELD	NA	NA
	5400.6009	1140	0-9"	HELD	NA	NA
	5500.6009	1040	0-9"	HELD	NA	NA
	5600.6009	0940	0-9"	HELD	NA	NA

 Count: 5

May 8, 1985

MEMORANDUM

SUBJECT: Status Report #20
Syntex Compliance Monitoring - May 7, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
Glen Davis	Syntex	
John Hartwell	Terracon	
Dave Koch	Terracon	
John Anderson	Terracon	Sampler/Documentation
Rowley Tedlock	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Sample Support
Ron Davis	Durbin	Decontamination
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support
Bob Garoutte	Durbin	Support
John Organ	Terracon	Sampler
Rick Murphy	Terracon	Sampler

SAMPLING ACTIVITIES:

Thirty discrete and six composite samples were collected from the center and the banks of the slough area.

A summary of the samples collected today:

30 discrete samples
6 composites
3 EPA splits
6 comparability splits

A31-65

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MAY 13 1985

A summary of the samples collected to date:

641 discrete samples
139 composite samples
8 EPA splits
66 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today.

PROBLEMS ON-SITE:

Sampling of the slough continues to be a slow process due to limited sample recovery in the sample tubes.

SCHEDULED ACTIVITIES:

The remainder of the slough will be completed, weather permitting, and sampling in the irrigation area will begin.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
85/05/07	4600.009	1455	0-9"	TCDD	NA	DG007607
	4600.5009	1450	0-9	HELD	AK651007	NA
	4600.6009	1444	0-9	HELD	AK651006	NA
	4600.7009	1435	0-9"	HELD	AK651008	NA
	4700.009	1410	0-9"	TCDD	NA	DG007608
	4700.5009	1350	0-9"	HELD	NA	NA
	4700.6009	1355	0-9"	HELD	NA	NA
	4700.7009	1400	0-9"	HELD	NA	NA
	4800.009	1330	0-9"	TCDD	NA	DC007609
	4800.5009	1310	0-9"	HELD	NA	NA
	4800.6009	1310	0-9"	HELD	NA	NA
	4800.7009	1320	0-9"	HELD	NA	NA
	4900.009	1125	0-9"	TCDD	NA	DG007701
	4900.5009	1115	0-9"	HELD	NA	NA
	4900.6009	1120	0-9"	HELD	NA	NA
	4900.7009	1125	0-9"	HELD	NA	NA
	5000.009	1050	0-9"	TCDD	NA	DG007702
	5000.5009	1030	0-9"	HELD	NA	NA
	5000.6009	1045	0-9"	HELD	NA	NA
	5000.7009	1050	0-9"	HELD	NA	NA
	5100.009	1000	0-9"	TCDD	NA	DG007703
	5100.5009	0920	0-9"	HELD	NA	NA
	5100.6009	0925	0-9"	HELD	NA	NA
	5100.7009	0940	0-9"	HELD	NA	NA

Count: 24

May 9, 1985

MEMORANDUM

Subject: Status Report 21
Syntex Compliance Monitoring May 8, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Glen Davis	Syntex	
John Anderson	Terracon	Sampler/Documentation
Rowley Tedlock	Terracon	Sampler/Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Support
Ron Davis	Durbin	Decontamination
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Sample Support
John Organ	Terracon	Sampler
Rick Murphy	Terracon	Sampler

SAMPLING ACTIVITIES:

Twenty-eight discrete and fourteen composite samples were collected from the banks of the slough area.

A summary of the samples collected today:

28 discrete samples
14 composites
0 EPA splits
6 comparability splits

A summary of the samples collected to date:

669 discrete samples
153 composite samples
8 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today. Also attached is an updated report of the samples collected on May 7, 1985. Some of the samples collected that day were inadvertently omitted from the report.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling will begin today in the irrigation area.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
05/07/85	4600.009	1455	0-9"	TCDD	NA	DG007607
	4600.018	1500	9-18"	TCDD	NA	NA
	4600.5009	1450	0-9	HELD	AK651007	NA
	4600.5018	1455	9-18"	HELD	NA	NA
	4600.6009	1444	0-9	HELD	AK651006	NA
	4600.7009	1435	0-9"	HELD	AK651008	NA
	4600.7018	1445	9-18"	HELD	NA	NA
	4700.009	1410	0-9"	TCDD	NA	DG007608
	4700.018	1413	9-18"	TCDD	NA	NA
	4700.5009	1350	0-9"	HELD	NA	NA
	4700.5018	1355	9-18"	HELD	NA	NA
	4700.6009	1355	0-9"	HELD	NA	NA
	4700.7009	1400	0-9"	HELD	NA	NA
	4700.7018	1405	9-18"	HELD	NA	NA
	4800.009	1330	0-9"	TCDD	NA	DC007609
	4800.018	1334	9-18"	TCDD	NA	NA
	4800.5009	1310	0-9"	HELD	NA	NA
	4800.5018	1314	9-18"	HELD	NA	NA
	4800.6009	1310	0-9"	HELD	NA	NA
	4800.7009	1320	0-9"	HELD	NA	NA
	4800.7018	1325	9-18"	HELD	NA	NA
	4900.009	1125	0-9"	TCDD	NA	DG007701
	4900.018	1136	9-18"	TCDD	NA	NA
	4900.5009	1115	0-9"	HELD	NA	NA
	4900.5018	1120	9-18"	HELD	NA	NA
	4900.6009	1120	0-9"	HELD	NA	NA
	4900.7009	1125	0-9"	HELD	NA	NA
	4900.7018	1134	9-18"	HELD	NA	NA
	5000.009	1050	0-9"	TCDD	NA	DG007702
	5000.018	1057	9-18"	TCDD	NA	NA
	5000.5009	1030	0-9"	HELD	NA	NA
	5000.5018	1040	9-18"	HELD	NA	NA
	5000.6009	1045	0-9"	HELD	NA	NA
	5000.7009	1050	0-9"	HELD	NA	NA
	5000.7018	1054	9-18"	HELD	NA	NA
	5100.009	1000	0-9"	TCDD	NA	DG007703
	5100.018	1005	9-18"	TCDD	NA	NA
	5100.5009	0920	0-9"	HELD	NA	NA
	5100.5018	0930	9-18"	HELD	NA	NA
	5100.6009	0925	0-9"	HELD	NA	NA
	5100.7009	0940	0-9"	HELD	NA	NA
	5100.7018	0954	9-18"	HELD	NA	NA

Count: 42

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
05/08/85	5200.009	1443	0-9"	TCDD	NA	DG007704
	5200.018	1447	9-18"	TCDD	NA	NA
	5200.5009	1430	0-9"	HELD	NA	NA
	5200.5018	1435	9-18"	HELD	NA	NA
	5200.7009	1440	0-9"	HELD	NA	NA
	5200.7018	1444	9-18"	HELD	NA	NA
	5300.009	1340	0-9"	TCDD	NA	DG007705
	5300.018	1345	9-18"	TCDD	NA	NA
	5300.5009	1320	0-9"	HELD	NA	NA
	5300.5018	1330	9-18"	HELD	NA	NA
	5300.7009	1334	0-9"	HELD	NA	NA
	5300.7018	1342	9-18"	HELD	NA	NA
	5400.009	1347	0-9"	TCDD	NA	DG007706
	5400.018	1352	9-18"	TCDD	NA	NA
	5400.5009	1310	0-9"	HELD	NA	NA
	5400.5018	1315	9-18"	HELD	NA	NA
	5400.7009	1345	0-9"	HELD	NA	NA
	5400.7018	1348	9-18"	HELD	NA	NA
	5500.009	1120	0-9"	TCDD	NA	DG007707
	5500.018	1125	9-18"	TCDD	NA	NA
	5500.5009	1110	0-9"	HELD	NA	NA
	5500.5018	1116	9-18"	HELD	NA	NA
	5500.7009	1104	0-9"	HELD	NA	NA
	5500.7018	1107	9-18"	HELD	NA	NA
	5600.009	1100	0-9"	TCDD	NA	DG007708
	5600.018	1104	9-18"	TCDD	NA	NA
	5600.5009	1035	0-9"	HELD	NA	NA
	5600.5018	1039	9-18"	HELD	NA	NA
	5600.7009	1047	0-9"	HELD	NA	NA
	5600.7018	1050	9-18"	HELD	NA	NA
	5700.009	0940	0-9"	TCDD	NA	DG007709
	5700.018	0949	9-18"	TCDD	NA	NA
	5700.5009	0920	0-9"	HELD	NA	NA
	5700.5018	0925	9-18"	HELD	NA	NA
	5700.7009	0935	0-9"	HELD	NA	NA
	5700.7018	0946	9-18"	HELD	NA	NA
	5800.009	0913	0-9"	TCDD	NA	NA
	5800.018	0916	9-18"	TCDD	NA	NA
	5800.5009	0855	0-9"	HELD	NA	NA
	5800.5018	0904	9-18"	HELD	NA	NA
	5800.7009	0908	0-9"	HELD	NA	NA
	5800.7018	0914	9-18"	HELD	NA	NA

Count: 42

May 13, 1985

MEMORANDUM

SUBJECT: Status Report #23
Syntex Compliance Monitoring May 10, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Rowley Tedlock	Terracon	Documentation
Steve Hennigh	Durbin	Sample Support/Process
Charles Hickman	Durbin	Sample Support
Ron Davis	Durbin	Decontamination
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Four discrete and one EPA composite samples were collected from the irrigation area at depths of 0-12 inches. The National Dioxin Strategy Comparability samples were shipped to EPA/ERL in Duluth, Minnesota.

A summary of the samples collected today:

4 discrete samples
1 EPA split

A summary of the samples collected to date:

689 discrete samples
162 composite samples
9 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Drilling in the Burn Area will begin today.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Syntex Compliance Monitoring Sampling Report

DATE -----	SYNTEX # -----	TIME ----	DEPTH ----	ANALYSIS -----	EPA # -----	NDSCS # -----
85/05/10	195.2005	0950	0-12"	TCDD	NA	NA
	195.3001	0957	0-12"	TCDD	NA	NA
	195.3004	0944	0-12"	TCDD	NA	NA
	195.3007	0938	0-12"	TCDD	NA	NA
	NA	1000	0-12"	NA	AK651009	NA

Count: **5**

May 14, 1985

MEMORANDUM

SUBJECT: Status Report #24
Syntex Compliance Monitoring May 13, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Rowley Tedlock	Terracon	Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Eight discrete samples were collected from the perimeter of the burn area at depths of 0-18, 18-36, 36-54, 54-72 inches.

A summary of the samples collected today:

8 discrete samples

A summary of the samples collected to date:

697 discrete samples
162 composite samples
9 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today.

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MAY 21 1985

A31-75

E&E K.C.K.

PROBLEMS ON-SITE:

Sampling was suspended from 1115 to 1300 hours due to thundershowers in the area.

SCHEDULED ACTIVITIES:

Sampling of the Burn Area perimeter samples will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Syntex Compliance Monitoring Sampling Report

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/05/13	137.11	1409	0-18"	TCDD	NA	NA
	137.12	1415	18-36"	TCDD	NA	NA
	137.13	1450	36-54"	TCDD	NA	NA
	137.14	1505	54-72"	TCDD	NA	NA
	137.41	0925	0-18"	TCDD	NA	NA
	137.42	0935	18-36"	TCDD	NA	NA
	137.43	1330	36-54"	TCDD	NA	NA
	137.44	1310	54-72"	TCDD	NA	NA

Count: 8

Syntex Compliance Monitoring Sampling Report

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/05/10	195.2005	0950	0-12"	TCDD	NA	NA
	195.3001	0957	0-12"	TCDD	NA	NA
	195.3004	0944	0-12"	TCDD	NA	NA
	195.3007	0938	0-12"	TCDD	NA	NA
	NA	1000	0-12"	NA	AK651009	NA

Count: 5

May 15, 1985

MEMORANDUM

SUBJECT: Status Report #25
Syntex Compliance Monitoring May 14, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Bob Williams	Syntex	
Rowley Tedlock	Terracon	Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Support
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Decontamination
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Sixteen discrete samples were collected from the perimeter of the burn area at depths of 0-18, 18-36, 36-54, 54-72 inches.

A summary of the samples collected today:

16 discrete samples

A summary of the samples collected to date:

713 discrete samples
162 composite samples
9 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today.

RECEIVED

MAY 17 1985

A31-78

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

The Burn Area perimeter samples will be completed today. The trench in the Burn Area is scheduled for Thursday with the remainder of the Burn Area to be completed on Friday.

Sampling of the Lagoon Area should begin on Monday May 20, 1985 assuming no difficulty is encountered in the trench sampling.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/05/14	136.11	1249	0-18"	TCDD	NA	NA
	136.12	1254	18-36"	TCDD	NA	NA
	136.13	1304	36-54"	TCDD	NA	NA
	136.14	1310	54-72"	TCDD	NA	NA
	136.41	1353	0-18"	TCDD	NA	NA
	136.42	1356	18-37"	TCDD	NA	NA
	136.43	1409	36-54"	TCDD	NA	NA
	136.44	1418	54-72"	TCDD	NA	NA
	137.21	0947	0-18"	TCDD	NA	NA
	137.22	0953	18-36"	TCDD	NA	NA
	137.23	1107	36-54"	TCDD	NA	NA
	137.24	1035	54-72"	TCDD	NA	NA
	137.31	0850	0-18"	TCDD	NA	NA
	137.32	0855	18-36"	TCDD	NA	NA
	137.33	0913	36-54"	TCDD	NA	NA
	137.34	0920	54-72"	TCDD	NA	NA

 Count: 16

May 16, 1985

MEMORANDUM

SUBJECT: Status Report #26
Syntex Compliance Monitoring May 15, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Bob Williams	Syntex	
Rowley Tedlock	Terracon	Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Nineteen discrete samples were collected yesterday, eight from the perimeter of the burn area and 11 from the burn area. Depth of samples were from 0-1.5', 1.5-3', 3-4.5' and 4.5-6'. Water was encountered at depths ranging from 3 feet to 6 feet. Samples collected from the actual burn area showed charred material and broken bricks and fill material.

• A summary of the samples collected today:

19 discrete samples
1 EPA split

A summary of the samples collected to date:

732 discrete samples
162 composite samples
10 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today.

PROBLEMS ON-SITE:

Water was encountered at shallow levels in most of the samples resulting in low recovery rates in some of the 3-4.5' and 4.5-6' levels.

SCHEDULED ACTIVITIES:

The Burn Area will be completed on Thursday, May 16, 1985. Equipment will be decontaminated and moved on Friday, May 17, 1985, in preparation for beginning the Lagoon Area on Monday, May 20, 1985.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Syntex Compliance Monitoring Sampling Report

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/05/15	136.1101	1420	0-18"	TCDD	NA	NA
	136.1102	1058	0-18"	TCDD	NA	NA
	136.1103	1345	0-18"	TCDD	NA	NA
	136.1201	1530	18-36"	TCDD	NA	NA
	136.1202	1104	18-36"	TCDD	NA	NA
	136.1203	1351	18-36"	TCDD	NA	NA
	136.1301	1540	36-54"	TCDD	NA	NA
	136.1302	1116	36-54"	TCDD	NA	NA
	136.1303	1400	36-54"	TCDD	NA	NA
	136.1402	1125	54-72"	TCDD	NA	NA
	136.1403	1405	54-72"	TCDD	NA	NA
	136.21	0925	0-18"	TCDD	NA	NA
	136.22	0940	18-36"	TCDD	NA	NA
	136.23	0947	36-54"	TCDD	NA	NA
	136.24	0952	54-72"	TCDD	NA	NA
	136.31	0854	0-18"	TCDD	NA	NA
	136.32	0902	18-36"	TCDD	NA	NA
	136.33	0910	36-54"	TCDD	NA	NA
	136.34	0918	54-72"	TCDD	NA	NA
	NA	0950	36-54"	NA	AK651010	NA

Count: 20

May 17, 1985

MEMORANDUM

SUBJECT: Status Report #27.
Syntex Compliance Monitoring May 16, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Bob Williams	Syntex	
Bill Durbin	Durbin	
Rowley Tedlock	Terracon	Sampler
Steve Hennigh	Durbin	Backhoe Operator
Charles Hickman	Durbin	Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Documentation

SAMPLING ACTIVITIES:

Four discrete samples were collected from a trench dug in the burn area. A Case-530 backhoe was used to dig the trench with dimensions of 8' long, 4' wide, and 53" deep. The samples were collected from the side walls after scrapping the walls "clean". Undisturbed soil was found at 36" and water at 53". The top 36" consisted of black, charred debris, metal, wood, ash and glass.

A summary of the samples collected today:

4 discrete samples

A summary of the samples collected to date:

736 discrete samples
162 composite samples
10 EPA splits
72 comparability split

RECEIVED
MAY 21 1985
E&E K.C.K.

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the lagoon area has started on May 17, 1985.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Syntex Compliance Monitoring Sampling Report

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/05/16	136.1104	0920	0-12"	TCDD	NA	NA
	136.1204	0940	12-24"	TCDD	NA	NA
	136.1304	0959	24-36"	TCDD	NA	NA
	136.1404	1015	36-48"	TCDD	NA	NA

 Count: 4

May 22, 1985

MEMORANDUM

Subject: Status Report 28
Syntex Compliance Monitoring May 20 & 21, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator	
Nancy Blackman	E&E/FIT	EPA Observer	May 21
Bob Williams	Syntex		
Bill Durbin	Durbin		
John Andereson	Terracon	Sampler/Documentation	
Steve Hennigh	Durbin	Backhoe Operator	
Charles Hickman	Durbin	Sample Support	
Ron Davis	Durbin	Decontamination	
Bob Couch	Durbin	Sample Preparation	
Brad Euliss	Durbin	Support	
Troy Durbin	Durbin	Support	
John Organ	Terracon	Sampler/Driller	
Rick Murphy	Terracon	Sampler/Driller	
Jack Durbin	Durbin		May 21
Jim Williams	MDNR		May 21
Tom Dean	MDNR		May 21
Glen Davis	Syntex		May 21

SAMPLING ACTIVITIES:

Seven discrete samples were collected on Monday and Tuesday, May 20 and 21, 1985. Four samples were collected from each hollow stem boring and three from each of the trenches excavated next to the borings. A Case 530 backhoe was used to dig the trench. The samples were collected from the north face of wall adjacent to the bore hole.

A summary of the samples collected on Monday, May 20, 1985:

7 discrete samples
1 EPA split

RECEIVED

MAY 23 1985

E&E K.C.K.

A31-87

A summary of the samples collected on Tuesday May 21, 1985:

7 discrete samples
1 EPA split

A summary of the samples collected to date:

750 discrete samples
162 composite samples
12 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected on Monday and Tuesday.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the lagoon area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/05/20	214.2109	1006	0-18"	HELD	NA	NA
	214.2209	1013	18-36"	HELD	NA	NA
	214.2309	1023	36-54	HELD	NA	NA
	214.2409	1035	54-72"	HELD	NA	NA
	4214.2109	1131	0-18"	HELD	NA	NA
	4214.2209	1142	18-36"	HELD	NA	NA
	4214.2309	1317	36-54"	HELD	AK651011	NA
85/05/21	214.2107	0915	0-18"	HELD	NA	NA
	214.2207	0920	18-36"	HELD	NA	NA
	214.2307	0925	36-54"	HELD	NA	NA
	214.2407	0940	54-72"	HELD	NA	NA
	4214.2107	1054	0-18"	HELD	NA	NA
	4214.2207	1102	18-36"	HELD	NA	NA
	4214.2307	1120	36-54"	HELD	AK651012	NA

 Count: 14

May 23, 1985

MEMORANDUM

Subject: Status Report #29
Syntex Compliance Monitoring May 22, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	On Scene Coordinator
Nancy Blackman	E&E/FIT	EPA Observer
Scott Ritchey	EPA	
Bill Durbin	Durbin	
John Andereson	Terracon	Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Decontamination
Ron Davis	Durbin	Sample Support
Durbin	Sample Preparation	
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller
Jim Williams	MDNR	
Tom Dean	MDNR	

SAMPLING ACTIVITIES:

Sixteen discrete samples and four composite samples were collected from the Lagoon Area.

A summary of the samples collected today:

16 discrete samples
4 composite samples

A summary of the samples collected to date:

766 discrete samples
166 composite samples
12 EPA splits
72 comparability split

RECEIVED

MAY 23 1985

E & E K.C.K.

A31-90

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the lagoon area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Syntex Compliance Monitoring Sampling Report

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/0%/°2	214.2104	0910	0-18"	HELD	NA	NA
	214.2105	1053	0-18"	HELD	NA	NA
	214.2106	1404	0-18"	HELD	NA	NA
	214.2108	1310	0-18"	HELD	NA	NA
	214.2204	0915	18-36"	HELD	NA	NA
	214.2205	1101	18-36"	HELD	NA	NA
	214.2206	1408	18-36"	HELD	NA	NA
	214.2208	1323	18-36"	HELD	NA	NA
	214.2304	0918	36-54"	HELD	NA	NA
	214.2305	1108	36-54"	HELD	NA	NA
	214.2306	1426	36-54"	HELD	NA	NA
	214.2308	1328	36-54"	HELD	NA	NA
	214.2404	0937	54-72"	HELD	NA	NA
	214.2405	1120	54-72"	HELD	NA	NA
	214.2406	1434	54-72"	HELD	NA	NA
	214.2408	1345	54-72"	HELD	NA	NA
	3214.2104	1320	0-18"	TCDD	NA	NA
	3214.2204	1330	18-36"	TCDD	NA	NA
	3214.2304	1340	36-54"	TCDD, TCP, TCB, HEX	NA	NA
	3214.2404	1350	54-72"	TCDD, TCP, TCB, HEX	NA	NA

Count: 20

May 24, 1985

MEMORANDUM

SUBJECT: Status Report #30
Syntex Compliance Monitoring May 23, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E/FIT	EPA Observer
Scott Ritchey	EPA	
Bill Durbin	Durbin	
Glen Davis	Syntex	
John Andereson	Terracon	Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support/Decontamination
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Twenty discrete samples and four composite samples were collected from the Lagoon Area.

A summary of the samples collected today:

20 discrete samples
4 composite samples

A summary of the samples collected to date:

786 discrete samples
170 composite samples
12 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected today.

RECEIVED
MAY 29 1985
E&E K.C.K.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the lagoon area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/05/23	214.2103	1333	0-18"	HELD	NA	NA
	214.2203	1338	18-36"	HELD	NA	NA
	214.2303	1341	36-54"	HELD	NA	NA
	214.2403	1357	54-72"	HELD	NA	NA
	224.3101	1058	0-18"	HELD	NA	NA
	224.3104	0915	0-18"	HELD	NA	NA
	224.3107	0834	0-18"	HELD	NA	NA
	224.3201	1105	18-36"	HELD	NA	NA
	224.3204	0923	18-36"	HELD	NA	NA
	224.3207	0840	18-36"	HELD	NA	NA
	224.3301	1110	36-54"	HELD	NA	NA
	224.3304	0935	36-54"	HELD	NA	NA
	224.3307	0845	36-54"	HELD	NA	NA
	224.3401	1120	54-72"	HELD	NA	NA
	224.3404	0946	54-72"	HELD	NA	NA
	224.3407	0900	54-72"	HELD	NA	NA
	224.4107	1453	0-18"	HELD	NA	NA
	224.4207	1458	18-36"	HELD	NA	NA
	224.4307	1506	36-54"	HELD	NA	NA
	224.4407	1520	54-72"	HELD	NA	NA
	3214.2106	0920	0-18"	TCDD	NA	NA
	3214.2206	0928	18-36"	TCDD	NA	NA
	3214.2306	0940	36-54"	TCDD, TCP, TCB, HEX	NA	NA
	3214.2406	0951	54-72"	TCDD, TCP, TCB, HEX	NA	NA

Count: 24

May 28, 1985

MEMORANDUM

SUBJECT: Status Report #31
Syntex Compliance Monitoring May 24, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Jack Durbin	Durbin	
Bob Williams	Syntex	
John Andereson	Terracon	Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support/Decontamination
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Twenty discrete, eight composite, and five EPA split samples were collected from the Lagoon Area.

A summary of the samples collected today:

20 discrete samples
8 composite samples
5 EPA split samples

A summary of the samples collected to date:

806 discrete samples
178 composite samples
17 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the lagoon area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	-----	-----	-----	-----	-----
85/05/24	214.1107	0944	0-18"	HELD	NA	NA
	214.1108	0834	0-18"	HELD	NA	NA
	214.1109	0730	0-18"	HELD	NA	NA
	214.1207	0950	18-36"	HELD	NA	NA
	214.1208	0837	18-36"	HELD	NA	NA
	214.1209	0734	18-36"	HELD	NA	NA
	214.1307	0955	36-54"	HELD	NA	NA
	214.1309	0737	36-54"	HELD	NA	NA
	214.1407	1000	54-72"	HELD	NA	NA
	214.1409	0750	54-72"	HELD	NA	NA
	214.2101	1015	0-18"	HELD	AK 651015	NA
	214.2102	1123	0-18"	HELD	NA	NA
	214.2201	1024	18-36"	HELD	NA	NA
	214.2202	1127	18-36"	HELD	NA	NA
	214.2301	1027	36-54"	HELD	NA	NA
	214.2302	1133	36-54"	HELD	NA	NA
	214.2308	0844	36-54"	HELD	NA	NA
	214.2401	1031	54-72"	HELD	NA	NA
	214.2402	1143	54-72"	HELD	NA	NA
	214.2408	0849	54-72"	HELD	NA	NA
	3214.1107	1128	0-18"	TCDD	NA	NA
	3214.1109	0810	0-18"	TCDD	NA	NA
	3214.1207	1133	18-36"	TCDD	NA	NA
	3214.1209	0815	18-36"	TCDD	NA	NA
	3214.1307	1137	36-54"	TCDD	NA	NA
	3214.1309	0820	36-54"	TCDD	NA	NA
	3214.1407	1145	54-72"	TCDD	NA	NA
	3214.1409	0825	54-72"	TCDD	NA	NA
	NA	1148	36-54"	NA	AK 651016	NA
		1153	54-72"	NA	AK 651017	NA
		0800	36-54"	NA	AK 651013	NA
		0805	54-72"	NA	AK 651014	NA

Count: 29

May 29, 1985

MEMORANDUM

SUBJECT: Status Report #32
Syntex Compliance Monitoring May 28, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
John Andereson	Terracon	Documentation
Steve Hennigh	Durbin	Decontamination
Charles Hickman	Durbin	Sample Support
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Twelve discrete samples were collected from the Lagoon Area.

A summary of the samples collected today:

12 discrete samples

A summary of the samples collected to date:

818 discrete samples
178 composite samples
17 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected.

PROBLEMS ON-SITE:

The sampling was suspended at 1300 hours, due to thundershowers in the area.

SCHEDULED ACTIVITIES:

Sampling in the lagoon area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/05/28	214.1103	1046	0-18"	HELD	NA	NA
	214.1106	0934	0-18"	HELD	NA	NA
	214.1203	1050	18-36"	HELD	NA	NA
	214.1206	0938	18-36"	HELD	NA	NA
	214.1303	1055	36-54"	HELD	NA	NA
	214.1306	0944	36-54"	HELD	NA	NA
	214.1404	1104	54-72"	HELD	NA	NA
	214.1406	0952	54-72"	HELD	NA	NA
	224.4104	0745	0-18"	HELD	NA	NA
	224.4204	0754	18-36"	HELD	NA	NA
	224.4304	0804	36-54"	HELD	NA	NA
	224.4404	0812	54-72"	HELD	NA	NA

 Count: 12

May 30, 1985

MEMORANDUM

SUBJECT: Status Report #33
Syntex Compliance Monitoring May 29, 1985

FROM: Gary E. Kepko
USC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Jack Durbin	Durbin	
John Andereson	Terracon	Documentation
Steve Hennigh	Durbin	Decontamination
Charles Hickman	Durbin	Sample Support
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Twenty discrete, eight composite and two EPA split samples were collected from the lagoon area. A summary of the samples collected today:

20 discrete samples
8 composite samples
2 EPA split samples

A summary of the samples collected to date:

838 discrete samples
186 composite samples
19 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the lagoon area will continue.

**cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SPFD**

To: J.WICKLUND (EPA9780)
 From: EPRB/REG.VII (EPA9783) Posted: Wed 29-May-85 20:14 EDT Sys 63 (66)
 Subject: SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE: 5/29/85

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	----	-----	-----	-----	-----
214.1101	1004	0-18"	HELD	NA	NA
214.1102	0835	0-18"	HELD	NA	NA
214.1104	1135	0-18"	HELD	NA	NA
214.1105	1347	0-18"	HELD	NA	NA
214.1201	1007	18-36"	HELD	NA	NA
214.1202	0840	18-36"	HELD	NA	NA
214.1204	1140	18-36"	HELD	NA	NA
214.1205	1354	18-36"	HELD	NA	NA
214.1301	1013	36-54"	HELD	NA	NA
214.1302	0845	36-54"	HELD	NA	NA
214.1304	1145	36-54"	HELD	NA	NA
214.1305	1358	36-54"	HELD	NA	NA
214.1401	1018	54-72"	HELD	NA	NA
214.1402	0849	54-72"	HELD	NA	NA
214.1404	1151	54-72"	HELD	NA	NA
214.1405	1401	54-72"	HELD	NA	NA
224.4101	0750	0-18"	HELD	NA	NA
224.4201	0754	18-36"	HELD	NA	NA
224.4301	0758	36-54"	HELD	NA	NA
224.4401	0821	54-72"	HELD	NA	NA
3214.1101	1355	0-18"	TCDD	NA	NA
3214.1103	0755	0-18"	TCDD	NA	NA
3214.1201	1400	18-36"	TCDD	NA	NA
3214.1203	0800	18-36"	TCDD	NA	NA
3214.1301	1405	36-54"	TCDD	NA	NA
3214.1303	0805	36-54"	TCDD, TCP, TCB, HEX	NA	NA
3214.1401	1410	54-72"	TCDD	NA	NA
3214.1403	0830	54-72"	TCDD, TCP, TCB, HEX	NA	NA
NA	1405	36-54"	NA	AK651018	NA
	1410	54-72"	NA	AK651019	NA

 Count: 29

May 31, 1985

MEMORANDUM

SUBJECT: Status Report 34
Syntex Compliance Monitoring May 30, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
John Andereson	Terracon	Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

The morning was spent decontaminating the drill rig so that it could be moved out of the fenced lagoon area. Then the samplers collected twelve discrete samples.

A summary of the samples collected today:

12 discrete samples

A summary of the samples collected to date:

850 discrete samples
186 composite samples
19 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the lagoon area will continue.

**cc: Morris Kay, RGAD.
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF**

5/30/85

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	----	-----	-----	-----	-----
224.4102	1052	0-18"	HELD	NA	NA
224.4105	1253	0-18"	HELD	NA	NA
224.4106	1355	0-18"	HELD	NA	NA
224.4202	1056	18-36"	HELD	NA	NA
224.4205	1257	18-36"	HELD	NA	NA
224.4206	1400	18-36"	HELD	NA	NA
224.4302	1100	36-54"	HELD	NA	NA
224.4305	1301	36-54"	HELD	NA	NA
224.4306	1404	36-54"	HELD	NA	NA
224.4402	1105	54-72"	HELD	NA	NA
224.4405	1307	54-72"	HELD	NA	NA
224.4406	1408	54-72"	HELD	NA	NA

Count: 12

June 3, 1985

MEMORANDUM

SUBJECT: Status Report 35
Syntex Compliance Monitoring May 31, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
John Andereson	Terracon	Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Support
Ron Davis	Durbin	Decontamination
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Sample Support
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Twenty discrete, eight composite and two EPA split samples were collected.

A summary of the samples collected today:

20 discrete samples
8 composite samples
2 EPA split samples

A summary of the samples collected to date:

870 discrete samples
194 composite samples
21 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected.

RECEIVED

A31-108

JUN 06 1985

E&E

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the lagoon area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

5/31/85

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
224.3102	1109	0-18"	HELD	NA	NA
224.3103	1343	0-18"	HELD	NA	NA
224.3202	1114	18-36"	HELD	NA	NA
224.3203	1348	18-36"	HELD	NA	NA
224.3302	1118	36-54"	HELD	NA	NA
224.3303	1352	36-54"	HELD	NA	NA
224.3402	1125	54-72"	HELD	NA	NA
224.3403	1356	54-72"	HELD	NA	NA
224.4103	0737	0-18"	HELD	NA	NA
224.4108	1045	0-18"	HELD	NA	NA
224.4109	0852	0-18"	HELD	NA	NA
224.4203	0744	18-36"	HELD	NA	NA
224.4208	1050	18-36"	HELD	NA	NA
224.4209	0857	18-36"	HELD	NA	NA
224.4303	0747	36-54"	HELD	NA	NA
224.4308	1055	36-54"	HELD	NA	NA
224.4309	0903	36-54"	HELD	NA	NA
224.4403	0753	54-72"	HELD	NA	NA
224.4408	1100	54-72"	HELD	NA	NA
224.4409	0915	54-72"	HELD	NA	NA
3224.3102	1352	0-18"	TCDD	NA	NA
3224.3202	1357	18-36"	TCDD	NA	NA
3224.3302	1402	36-54"	TCDD, TCP, TCB, HEX	NA	NA
3224.3402	1407	54-72"	TCDD, TCP, TCB, HEX	NA	NA
3224.4102	0750	0-18"	TCDD	NA	NA
3224.4202	0755	18-36"	TCDD	NA	NA
3224.4302	0800	36-54"	TCDD	NA	NA
3224.4402	0805	54-72"	TCDD	NA	NA
NA	1403	36-54"	NA	AK651020	NA
	1408	54-72"	NA	AK651021	NA

Count: 29

June 4, 1985

MEMORANDUM

SUBJECT: Status Report 36
Syntex Compliance Monitoring June 3, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Rowley Tedlock	Terracon	Documentation
Steve Hennigh	Durbin	Sample Support
Charles Hickman	Durbin	Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Sixteen discrete and four composite samples were collected.

A summary of the samples collected today:

16 discrete samples

A summary of the samples collected to date:

886 discrete samples
194 composite samples
21 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected.

PROBLEMS ON-SITE:

Sample location 224.3008 had to be offset twice. Concrete was encountered at a depth of 18 inches. The final boring was located five feet south of the original sample location.

RECEIVED

JUN 06 1985

A31-111

E&E K.C.K.

SCHEDULED ACTIVITIES:

Sampling in the lagoon area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

6/3/85

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	----	-----	-----	-----	-----
224.3105	0934	0-18"	HELD	NA	NA
224.3106	0824	0-18"	HELD	NA	NA
224.3108	1055	0-18"	HELD	NA	NA
224.3109	1328	0-18"	HELD	NA	NA
224.3205	0937	18-36"	HELD	NA	NA
224.3206	0828	18-36"	HELD	NA	NA
224.3208	1115	18-36"	HELD	NA	NA
224.3209	1334	18-36"	HELD	NA	NA
224.3305	0941	36-54"	HELD	NA	NA
224.3306	0832	36-54"	HELD	NA	NA
224.3308	1121	36-54"	HELD	NA	NA
224.3309	1341	36-54"	HELD	NA	NA
224.3405	0945	54-72"	HELD	NA	NA
224.3406	0836	54-72"	HELD	NA	NA
224.3408	1128	54-72"	HELD	NA	NA
224.3409	1347	54-72"	HELD	NA	NA
3224.3105	1338	0-18"	TCDD	NA	NA
3224.3205	1345	18-36"	TCDD	NA	NA
3224.3305	1350	36-54"	TCDD	NA	NA
3224.3405	1355	54-72"	TCDD	NA	NA

Count: 20

Date: June 5, 1985

MEMORANDUM

SUBJECT: Status Report #37
Syntex Compliance Monitoring, June 4, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	OSC
Nancy Blackman	E&E/FIT	EPA Observer
Joe Chandler	E&E/FIT	EPA Observer
Bill Durbin	Durbin	
Rowley Tedlock	Terracon	Documentation
Steve Hennigh	Durbin	Decontamination
Charles Hickman	Durbin	Sample Support
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terrac	Sampler/Diller

SAMPLING ACTIVITIES:

Sixteen discrete and four composite samples were collected.

A summary of the samples collected today:

16 discrete samples
4 composite samples
2 EPA splits

A summary of the samples collected to date:

902 discrete samples
198 composite samples
23 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected.

RECEIVED

JUN 06 1985

A31-114

E&E K.C.K.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the lagoon area will continue. Sampling in the trench area is scheduled to begin Monday, June 10, 1985.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Syntex Compliance Monitoring Sampling Report

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	-----	-----	-----	-----	-----
85/06/04	223.4101	1307	0-18	HELD	NA	NA
	223.4102	1044	0-18	HELD	NA	NA
	223.4201	1312	18-36	HELD	NA	NA
	223.4202	1048	18-36	HELD	NA	NA
	223.4301	1315	36-54	HELD	NA	NA
	223.4302	1052	36-54	HELD	NA	NA
	223.4401	1320	54-72	HELD	NA	NA
	223.4402	1056	54-72	HELD	NA	NA
	224.3110	0748	0-18"	HELD	NA	NA
	224.3111	0917	0-18	HELD	NA	NA
	224.3210	0754	18-36	HELD	NA	NA
	224.3211	0921	18-36	HELD	NA	NA
	224.3310	0801	36-54	HELD	NA	NA
	224.3311	0926	36-54	HELD	NA	NA
	224.3410	0808	54-72	HELD	NA	NA
	224.3411	0934	54-72	HELD	NA	NA
	3223.4101	1405	0-18	TCDD	NA	NA
	3223.4201	1405	18-36	TCDD	NA	NA
	3223.4301	1405	36-54	TCDD	NA	NA
	3223.4401	1405	54-72	TCDD	NA	NA
	NA	1349	36-54	NA	AK651022	NA
		1349	54-72	NA	AK651023	NA

 Count: 21

June 6, 1985

MEMORANDUM

SUBJECT: Status Report 38
Syntex Compliance Monitoring June 5, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	OSC
Joe Chandler	E&E/FIT	EPA Observer
Rowley Tedlock	Terracon	Documentation
Steve Hennigh	Durbin	Sample Support
Ron Davis	Durbin	Decontamination
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Sixteen discrete samples were collected from the perimeter of the lagoon. Six EPA splits were received.

A summary of the samples collected today:

16 discrete samples
6 EPA splits

A summary of the samples collected to date:

918 discrete samples
198 composite samples
29 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the lagoon area will continue. Sampling in the trench area is scheduled to begin Monday, June 10, 1985.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Syntex Compliance Monitoring Sampling Report

DATE	SYNTEX #	TIME"	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	-----	-----	-----	-----	-----
85/06/05	223.1101	1041	0-18	TCDD, HEX, TCP, TCB	AK651026	NA
	223.1201	1047	18-36	TCDD, HEX, TCP, TCB	AK651027	NA
	223.1301	1053	36-54	TCDD, HEX, TCP, TCB	AK651028	NA
	223.1401	1058	54-72	TCDD, HEX, TCP, TCB	AK651029	NA
	223.4103	0910	0-18	TCDD, HEX, TCP, TCB	NA	NA
	223.4203	0915	18-36	TCDD, HEX, TCP, TCB	NA	NA
	223.4303	0922	36-54	TCDD, HEX, TCP, TCB	AK651024	NA
	223.4403	0928	54-72	TCDD, HEX, TCP, TCB	AK651025	NA
	224.1101	1358	0-18	TCDD, HEX, TCP, TCB	NA	NA
	224.1201	1402	18-36	TCDD, HEX, TCP, TCB	NA	NA
	224.1301	1405	36-54	TCDD, HEX, TCP, TCB	NA	NA
	224.1401	1408	54-72	TCDD, HEX, TCP, TCB	NA	NA
	224.2101	1309	0-18	TCDD, HEX, TCP, TCB	NA	NA
	224.2201	1314	18-36	TCDD, HEX, TCP, TCB	NA	NA
	224.2301	1316	36-54	TCDD, HEX, TCP, TCB	NA	NA
	224.2401	1321	54-72	TCDD, HEX, TCP, TCB	NA	NA

Count: 16

Date: June 7, 1985

MEMORANDUM

SUBJECT: Status Report 39
Syntex Compliance Monitoring June 6, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	OSC
Nancy Blackman	E&E	EPA Observer
Rowley Tedlock	Terracon	Documentation
Steve Hennigh	Durbin	Sample Support
Ron Davis	Durbin	Decontamination
Bob Couch	Durbin	Sample Preparation
Brad Euliss	Durbin	Support
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Twelve discrete samples were collected from the perimeter of the lagoon. Four EPA splits were received.

A summary of the samples collected today:

12 discrete samples
4 EPA splits

A summary of the samples collected to date:

930 discrete samples
198 composite samples
33 EPA splits
72 comparability split

See attached Syntex Compliance Monitoring Sampling Report for a detailed listing of the samples collected.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the lagoon area was completed. Sampling in the trench area is scheduled to begin Monday, June 10, 1985.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Syntex Compliance Monitoring Sampling Report

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDS
-----	-----	----	-----	-----	-----	---
85/06/06	233.4101	1039	0-18	TCDD,HEX,TCP,TCB	NA	NA
	233.4201	1042	18-36	TCDD,HEX,TCP,TCB	NA	NA
	233.4301	1054	36-54	TCDD,HEX,TCP,TCB	AK651030	NA
	233.4401	1056	54-72	TCDD,HEX,TCP,TCB	AK651031	NA
	234.3101	1118	0-18"	TCDD,HEX,TCP,TCB	NA	NA
	234.3201	1120	18-36"	TCDD,HEX,TCP,TCB	NA	NA
	234.3301	1124	36-54"	TCDD,HEX,TCP,TCB	AK651032	NA
	234.3401	1126	54-72"	TCDD,HEX,TCP,TCB	AK651033	NA
	234.4101	1321	0-18"	TCDD,HEX,TCP,TCB	NA	NA
	234.4201	1325	18-36"	TCDD,HEX,TCP,TCB	NA	NA
	234.4301	1328	36-54"	TCDD,HEX,TCP,TCB	NA	NA
	234.4401	1335	54-72"	TCDD,HEX,TCP,TCB	NA	NA

Count: 12

Date: June 10, 1985

MEMORANDUM

Subject: Status Report 40
Syntex Compliance Monitoring June 10, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	OSC
Nancy Blackman	E&E	EPA Observer
Glen Davis	Syntex	
Bill Durbin	Durbin	
Jack Durbin	Durbin	
Rowley Tedlock	Terracon	Documentation
John Organ	Terracon	Sampler/Driller
Audie Thornburg	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support
Ron Davis	Durbin	Decontamination
Bob Couch	Durbin	Sample Preparation
Charles Hickman	Durbin	Sample Support
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support

SAMPLING ACTIVITIES:

The sampling team moved up the trench area and set up the decontamination and sample preparation areas. The drill crew set up a mobile drilling company B-53 drill rig at sample location T-12. The drillers were unable to complete a bore hole at a 45 degree angle so the hole was terminated and grouted. The drillers will attempt a second hole tomorrow.

A summary of the samples collected today:

No samples collected

A summary of the samples collected to date:

930 discrete samples
198 composite samples
33 EPA splits
72 comparability split

PROBLEMS ON-SITE:

The drill crew was unable to start work until 1050 hours due to thundershowers in the area.

SCHEDULED ACTIVITIES:

The drill crew will attempt to complete a 45 degree angle boring under the trench area tomorrow.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: June 14, 1985

MEMORANDUM

Subject: Status Report 43
Syntex Compliance Monitoring June 13, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

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JUN 17 1985

E&E K.C.K.

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bob Williams	Syntex	
Ray Forrester	Syntex	
Bill Durbin	Durbin	
John Hartwell	Terracon	
Rowley Tedlock	Terracon	Documentation
John Organ	Terracon	Sampler/Driller
Audie Thornburg	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Charles Hickman	Durbin	Support
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Decontamination

SAMPLING ACTIVITIES:

One discrete, composite and EPA split sample were collected. The boring was grouted with a cement and bentonite slurry. The drill rig was then moved to the second boring location for T-12 and the hollow stem augers advanced to a depth of 15 feet.

A summary of the samples collected today:

1 discrete sample
1 composite sample
1 EPA split sample

A summary of the samples collected to date:

933 discrete samples
199 composite samples
34 EPA splits
72 comparability split

See attached "Syntex Compliance Monitoring Sampling Report" for details on the samples collected.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the trench area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDS
85/06/13	12.2003	0900	228-252"	HELD	NA	NA
	212.2000	0910	180-252"	TCDD, TCP, TCB, HEX	AK651034	NA

Count: 2

Date: June 12, 1985

MEMORANDUM

SUBJECT: Status Report #41
Syntex Compliance Monitoring June 11, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Gary Kepko	EPA	OSC
Nancy Blackman	E&E	EPA Observer
Glen Davis	Syntex	
Bill Durbin	Durbin	
Jim Williams	MDNR	
Peter Price	MDNR	
Rowley Tedlock	Terracon	Documentation
John Organ	Terracon	Sampler/Driller
Audie Thornburg	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Charles Hickman	Durbin	Decontamination
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support

SAMPLING ACTIVITIES:

The morning was spent modifying the drill rig. An auger guide fabricated from a 10-inch diameter pipe was welded to the bottom end of the mast of the rig. The auger stems pass through the pipe which keeps the augers from moving off line. Drilling began in the afternoon at a point 10 feet north and 15 feet 3 inches west of sample location T-12. The hole was bored to a depth of 15 feet at an angle of 45 degrees. The auger guide seemed to hold the augers right on line; the line was checked by placing a carpenters level on a rod inserted into the hollow stem auger and also by placing the level on the augers. Drilling was slow and it took the entire afternoon to drill to a point where sampling could begin. However, no samples were collected. Sampling will begin on Wednesday, June 12, 1985. The auger cuttings from the drilling activities on Tuesday were collected and placed in a 55-gallon drum for disposal.

A summary of the samples collected today:

" No samples collected

A summary of the samples collected to date:

930 discrete samples
198 composite samples
33 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the trench area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: June 17, 1985

MEMORANDUM

Subject: Status Report #44
Syntex Compliance Monitoring, June 14, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Jack Durbin	Durbin	
Bill Durbin	Durbin	
John Hartwell	Terracon	
Tom Dean	MDNR	
Rowley Tedlock	Terracon	Documentation
John Organ	Terracon	Sampler/Driller
Audie Thornburg	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Charles Hickman	Durbin	Support
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Decontamination

SAMPLING ACTIVITIES:

Two discrete samples were collected from location 12.1000. The drillers used a 6 inch solid stem auger to clean out the soil plug located at the bottom of the hollow stem auger before the four inch casing is put in place.

A summary of the samples collected today:

2 discrete sample

A summary of the samples collected to date:

935 discrete samples
199 composite samples
34 EPA splits
72 comparability split

See attached "Syntex Compliance Monitoring Sampling Report" for details on the samples collected.

PROBLEMS ON-SITE:

The drillers dropped 10 feet of the 4-inch casing down the bore hole and required forty-five minutes to retrieve the casing.

SCHEDULED ACTIVITIES:

Sampling in the trench area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/06/14	12.1001	0910	180-204"	HELD	NA	NA
	12.1002	1115	204-228"	HELD	NA	NA

 Count: 2

June 18, 1985

MEMORANDUM

SUBJECT: Status Report #45
Syntex Compliance Monitoring, June 17, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Rowley Tedlock	Terracon	Documentation
John Organ	Terracon	Sampler/Driller
Audie Thornburg	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Charles Hickman	Durbin	Decontamination
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

One discrete sample was collected. The sample was combined with the two samples collected on June 14th to compose the Syntex composite number 312,1000. An EPA split was collected from the composite.

A summary of the samples collected today:

1 discrete sample
1 composite sample
1 EPA split sample

A summary of the samples collected to date:

936 discrete samples
200 composite samples
35 EPA splits
72 comparability split

See attached "Syntex Compliance Monitoring Sampling Report" for details on the samples collected.

RECEIVED

JUN 19 1985

A31-133

E&E K.C.K.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the trench area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSC
85/06/17	12.1003	0820	228-252"	HELD	NA	NA
	312.1000	0830	180-252"	TCDD, TCP, TCB, HEX	AK65135	NA
		Count:		2		

June 20, 1985

MEMORANDUM

SUBJECT: Status Report #47
Syntex Compliance Monitoring, June 19, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Glen Davis	Syntex	
Jim Williams	MDNR	
Rowley Tedlock	Terracon	Documentation
John Organ	Terracon	Sampler/Driller
Audie Thornburg	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Charles Hickman	Durbin	Decontamination
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support

SAMPLING ACTIVITIES:

Three discrete one composite and one EPA split sample were collected. An odor was noticed coming from the bore hole, however the TLV Sniffer remained at background levels.

A summary of the samples collected today:

3 discrete samples
1 composite sample
1 EPA split sample

A summary of the samples collected to date:

939 discrete samples
201 composite samples
36 EPA splits
72 comparability split

PROBLEMS ON-SITE:

Two of the samplers working at the drill rig had to be replaced when they became too warm. They were fine after removing the protective clothing and drinking fluids.

SCHEDULED ACTIVITIES:

Sampling in the trench area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS
85/06/19	39.1000	1430	285-357"	TCDD, TCP, TCB, HEX	AK651036	NA
	9.1001	0910	285-309"	HELD	NA	NA
	9.1002	1120	309-333"	HELD	NA	NA
	9.1003	1425	333-357"	HELD	NA	NA

Count: 4

June 21, 1985

MEMORANDUM

SUBJECT: Status Report #48
Syntex Compliance Monitoring, June 20, 1985

FROM: Gary E. Kepko
OSC, SINV/EP&R/ENSV

TO: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Rowley Tedlock	Terracon	Documentation
John Organ	Terracon	Sampler/Driller
Audie Thornburg	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Charles Hickman	Durbin	Support
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Decontamination

SAMPLING ACTIVITIES:

No samples were collected. The augers were removed from boring 9.1000 and decontaminated. The boring was grouted during the afternoon. Boring location 9.2000 (10 feet south of T-9) was started with the hollow stem augers advanced to a depth of 19 feet. The auger cuttings were placed on plastic and covered until tomorrow when a new supply of open top drums will arrive on-site.

A roller was used to smooth the ruts made by the sample support vehicles at the lagoon area. The area may require additional work when it dries out. Grass seed will be put down tomorrow in order to stabilize the area. Straw will be placed over the soil if it dries out before the grass has had a chance to come up.

A summary of the samples collected today:

No samples were collected

A summary of the samples collected to date:

939 discrete samples
201 composite samples
36 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the trench area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

MEMORANDUM

Subject: Status Report 49
Syntex Compliance Monitoring June 21, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Joe Chandler	E&E	EPA Observer
Bill Durbin	Durbin	
Jack Durbin	Durbin	
Bob Williams	Durbin	
Wayne Potter	IT	
Bob Hern	IT	
Rowley Tedlock	Terracon	Documentation
John Organ	Terracon	Sampler/Driller
Audie Thornburg	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation
Charles Hickman	Durbin	Decontamination
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support

SAMPLING ACTIVITIES:

Two discrete samples were collected from the Trench Area. An odor was noticed coming from the sample area during the afternoon however the TLV Sniffer did not rise above background. The drill cuttings were placed in a polypropylene cubic yard bag for storage and later disposal.

A summary of the samples collected today:
2 discrete samples

A summary of the samples collected to date:
941 discrete samples
201 composite samples
36 EPA splits
72 comparability split

See attached "Syntex Compliance Monitoring Sampling Report" for details on the samples collected.

PROBLEMS ON-SITE:

Work was delayed for one hour when a high pressure line broke on the drill rig. A new line was purchased and installed on the drill rig before the drillers stopped for lunch.

SCHEDULED ACTIVITIES:

Sampling in the trench area will continue.

A31-141

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Haggard, MCTM

Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
85/06/21	9.2001	0920	285-309"	HELD	NA	NA
	9.2002	1420	309-333"	HELD	NA	NA

Count: 2

MEMORANDUM

Subject: Status Report 50
Syntex Compliance Monitoring June 24, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Joe Chandler	E&E	EPA Observer
Bill Durbin	Durbin	
Rowley Tedlock	Terracon	Documentation
Rick Murphy	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support/Decon
Ron Davis	Durbin	Sampler/Driller Support
Bob Couch	Durbin	Sample Preparation/Decon
Lynton Hickman	Durbin	Decontamination/Support
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support

SAMPLING ACTIVITIES:

One discrete sample was collected from the Trench Area. The sample was combined with the two samples collected on June 21 to produce syntex composite 9.2000 and EPA split AK651037. The drill cuttings were placed in a polypropylene cubic yard bag for storage and later disposal.

A summary of the samples collected today:

- 1 discrete sample
- 1 composite sample
- 1 EPA split sample

A summary of the samples collected to date:

- 942 discrete samples
- 202 composite samples
- 37 EPA splits
- 72 comparability split

See attached "Syntex Compliance Monitoring Sampling Report" for details on the samples collected.

PROBLEMS ON-SITE:

Driller John Organ did not work due to illness. Ron Davis of the Durbin Contractors worked as the drilling assistant in place of John. Ten feet of 4 inch I.D. casing was dropped down the hollow stem auger. The drillers thought they had recovered the casing and pulled the last sample (9.2003). When they began removing the casing the drillers discovered that the top section of casing had only been resting on the bottom 10 foot section. The drillers recovered the bottom section before stopping for the day.

SCHEDULED ACTIVITIES: A31-144

Sampling in the trench area will continue.

cc: Morris Kay, BRAN

David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
05/06/24	309.2000	1130	285-357"	TCDD, TCP, TCB, HEX	AK651037	NA
	9.2003	1125	333-357"	HELD	NA	NA

Count: 2

MEMORANDUM

Subject: Status Report 51
Syntex Compliance Monitoring June 25, 1985

From: Gary E. Kepko
OSC, SIMV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Joe Chandler	E&E	EPA Observer
Bill Durbin	Durbin	
Rowley Tedlock	Terracon	Documentation
Rick Murphy	Terracon	Sampler/Driller
John Organ	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support/Decon
Ron Davis	Durbin	Sampler Support/Decon
Bob Couch	Durbin	Sample Preparation/Decon
Lynton Hickman	Durbin	Support
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

No samples were collected. The morning was spent removing the hollow stem augers from location 9.2000 and decontaminating the drill equipment. The drill rig was moved to sample location .1000. During the afternoon the drillers advanced the hollow stem augers to a depth of 6.5 feet before stopping for the day. The remainder of the afternoon was spent grouting boring location 7.2000. 1.5 bags of bentonite and 11 bags of cement were used to rout the boring.

Results from the wipe test taken on the drill rig and equipment used at the burn area and lagoon area were received on June 14. The samples came back undetected. The drill rig was removed from the site by Terracon Consultants.

Summary of the samples collected today:

No samples were collected

Summary of the samples collected to date:

942 discrete samples
202 composite samples
37 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the trench area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTH
Dave Tripp, CNSL
Rowena Michaels, PDAF
Robbie Yarnish, E&E

MEMORANDUM

Subject: Status Report 52
Syntex Compliance Monitoring June 26, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Joe Chandler	E&E	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
Rowley Tedlock	Terracon	Documentation
Rick Murphy	Terracon	Sampler/Driller
John Organ	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support
Ron Davis	Durbin	Sampler Support
Bob Couch	Durbin	Sample Preparation/Decon
Troy Durbin	Durbin	Decontamination
Charles Hickman	Durbin	Support
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

The hollow stem augers were advanced to a depth of 19 feet during the morning. One discrete sample was collected during the afternoon from location 5.1000 in the Trench Area.

Syntex has completed posting the slough area and will have the field posted by the end of the day.

A summary of the samples collected today |
1 discrete sample

A summary of the samples collected to date:

943 discrete samples
202 composite samples
37 EPA splits
72 comparability split

See attached "Syntex Compliance Monitoring Sampling Report" for detailed sample information.

PROBLEMS ON-SITE:

An extension bar used between the drill rig and the augers broke during the morning. A five foot flight auger was used in its place.

SCHEDULED ACTIVITIES:

Sampling in the trench area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Bowers, Michael, PRAC

A31-149

Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
05/06/26	5.1001	1415	228-252"	HELD	NA	NA

Count: 1

MEMORANDUM

Subject: Status Report 53
Syntex Compliance Monitoring June 27, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Joe Chandler	E&E	EPA Observer
Bill Durbin	Durbin	
Rowley Tedlock	Terracon	Documentation
Rick Murphy	Terracon	Sampler/Driller
John Organ	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support
Ron Davis	Durbin	Sampler Support
Bob Couch	Durbin	Sample Preparation/Decon
Troy Durbin	Durbin	Decontamination
Charles Hickman	Durbin	Support
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Two discrete samples were collected from location 5.1000 in the Trench Area. A fifteen inch plug was in the bottom of the hollow stem auger after it had been advanced to a depth of 21

feet. The attempt to remove the plug failed leaving 5 inches of soil in the bottom. Sample 5.1002 was taken by advancing the flight augers through the plug and then an additional 2 feet. The sample was collected from the bottom 2 feet of the auger. The hollow stem augers were advanced to a depth of 23 feet to prepare for sample 5.1003. A 10 inch plug was located in the bottom of the auger. The attempt to remove the plug was successful. The hollow stem augers were advanced to a depth of 25 feet after sample 5.1003 was collected. The augers had a 14 inch plug in the bottom. The attempt to remove the plug resulted in the drillers removing 16.5 inches of soil (2.5 inches of the sample interval). Sample 5.1004 will be collected today.

Posting of the field and slough areas has been completed.

A summary of the samples collected today |
2 discrete sample

A summary of the samples collected to date:
945 discrete samples
202 composite samples
37 EPA splits
72 comparability split

See attached "Syntex Compliance Monitoring Sampling Report" for detailed sample information.

PROBLEMS ON-SITE:

A31-152

The drillers encountered rock at a depth of 20 feet to 20.5 feet. It took 30 minutes to drill through the 4 inch depth of rock.

SCHEDULED ACTIVITIES:

Sampling in the trench area will continue.

**cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF**

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
05/06/27	5.1002	1015	252-276"	HELD	NA	NA
	5.1003	1310	276-300"	HELD	NA	NA

Count: 2

MEMORANDUM

Subject: Status Report 54
Syntex Compliance Monitoring June 28, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Joe Chandler	E&E	EPA Observer
Jack Durbin	Durbin	
Bill Durbin	Durbin	
Bob Williams	Syntex	
Rowley Tedlock	Terracon	Documentation
Rick Murphy	Terracon	Sampler/Driller
John Organ	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation/Decon
Troy Durbin	Durbin	Decontamination
Charles Hickman	Durbin	Support
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Two discrete samples were collected from location 5.1000 in the Trench Area. The samples were combined with the discrete samples collected on the 26th and 27th to compose composite

number 305.1000. EPA split number AK651038 was collected from the composite sample.

Sample number 5.1004 had limited sample recovery. The soil recovered was used for the composite sample. The 4 inch casing had a plug of soil in the bottom that was saved as the discrete sample for that depth.

Sample number 5.1005 was collected from a depth of 27' 6" to 29' 6" because the drillers inadvertantly removed the top 6 inches of the sample interval when they cleaned the 10 inch plug from the hollow stem augers.

The boring was grouted with 16 bags of cement and 1.5 bags of bentonite. The drill rig was decontaminated to prepare to move to sample location 19.1000.

Summary of the samples collected today:

- 2 discrete sample
- 1 composite sample
- 1 EPA split sample

A summary of the samples collected to date:

- 947 discrete samples
- 203 composite samples
- 38 EPA splits
- 72 comparability split

See attached "Syntex Compliance Monitoring Sampling Report" for detailed sample information.

A31-155

PROBLEMS ON-SITE:

No problems encountered.

SCHEDULED ACTIVITIES:

Sampling in the trench area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	---	-----	-----	-----	-----
05/06/28	305.1000	0955	228-354"	TCDD, TCP, TCB, HEX	AK651038	NA
	5.1004	0740	300-324"	HELD	NA	NA
	5.1005	0950	330-354"	HELD	NA	NA

 Count: 3

MEMORANDUM

Subject: Status Report 55
Syntex Compliance Monitoring July 1, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Joe Chandler	E&E	EPA Observer
Jack Durbin	Durbin	
Bill Durbin	Durbin	
Gene Faught	Durbin	
Rowley Tedlock	Terracon	Documentation
Rick Murphy	Terracon	Sampler/Driller
Dave Ritter	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation/Decon
Charles Hickman	Durbin	Decontamination
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

The drillers encountered a number of problems during the day. Sample location 19.1000 is located near a ledge. The drill rig did not have enough space to set up. Gravel from the river was

brought in and then clay near the area was compacted around the ledge to provide support for the rig.

The drillers advanced the augers to a depth of 8' 10" (measured on the angle) when they encountered rock. The augers were advanced to a depth of 9' 2" in a 45 minute period before stopping for the day.

An attempt will be made today to advance through the rock. If the rock cannot be penetrated the drill rig will be offset and a second attempt made at location 19.1000.

A summary of the samples collected today:
No samples were collected

A summary of the samples collected to date:

947 discrete samples
203 composite samples
38 EPA splits
72 comparability split

See attached "Syntex Compliance Monitoring Sampling Report" for detailed sample information.

PROBLEMS ON-SITE:

Refer to problems described in the Sampling Activities section.

SCHEDULED ACTIVITIES:

A31-158

Sampling in the trench area will continue.

Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: July 5, 1985

MEMORANDUM

Subject: Status Report 56
Syntex Compliance Monitoring July 2, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Joe Chandler	E&E	EPA Observer
Bill Durbin	Durbin	
Sowley Tedlock	Terracon	Documentation
Rick Murphy	Terracon	Sampler/Driller
Rave Ritter	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support
Don Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation/Decon
Charles Hickman	Durbin	Decontamination
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

The drillers advanced through the rock that prevented the augers from penetrating beyond a depth of 9 feet 2 inches yesterday. The augers were then advanced to a depth of 23 feet 6 inches to prepare for sample 19.1001. A 30 inch plug was removed from the hollow stem augers and sample 19.1001 collected. The auger cuttings were placed in a polyethylene bag for later disposal.

A summary of the samples collected today:

1 discrete sample

A summary of the samples collected to date:

948 discrete samples
203 composite samples
38 EPA splits
72 comparability split

See attached "Syntex Compliance Monitoring Sampling Report" for detailed sample information.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling in the trench area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF "
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

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SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
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85/07/02	19.1001	1400	282-306"	HELD	NA	NA

 Count: 1

Date: July 5, 1985

MEMORANDUM

Subject: Status Report 57
Syntex Compliance Monitoring July 3, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Joe Chandler	E&E	EPA Observer
Bill Durbin	Durbin	
Jack Durbin	Durbin	
Bob Williams	Syntex	
Rowley Tedlock	Terracon	Documentation
Rick Murphy	Terracon	Sampler/Driller
Dave Ritter	Terracon	Sampler/Driller
Steve Hennigh	Durbin	Sample Support
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Preparation/Decon
Charles Hickman	Durbin	Decontamination
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support

SAMPLING ACTIVITIES:

Two discrete samples were collected from sample location 19.1000 in the Trench Area. The samples were combined with the sample collected on July 2 to make composite 319.1000. EPA split AK651039 was taken from composite sample 319.1000. The augers were removed from the ground and the boring was grouted before the drillers left for the Fourth of July Holiday. Syntex has received additional preliminary data results. Some preliminary findings are:

Burn area: less than 20 ppb

Lagoon area: maximum value 78 ppb

Adjoining Property: one or two locations less than 1 ppb

A summary of the samples collected today:

2 discrete sample
1 composite sample
1 EPA split

A summary of the samples collected to date:

950 discrete samples
204 composite samples
39 EPA splits
72 comparability split

See attached "Syntex Compliance Monitoring Sampling Report" for detailed sample information.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

The drillers are taking the 4th and 5th of July off. The Durbin contractors will be working on Friday July 5th. Wipe samples will be collected Friday from the old NEPACCO production equipment.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
85/07/03	19.1002	0905	306-330"	HELD	NA	NA
	19.1003	1340	330-354"	HELD	NA	NA
	319.1000	1350	282-354"	TCDD, TCP, TCB, HEX	AK651039	NA

Count: 3

Date: July 8, 1985

MEMORANDUM

Subject: Status Report 58
Syntex Compliance Monitoring July 5, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Glen Davis	Syntex	
Bob Williams	Syntex	
Steve Hennigh	Durbin	Wipe Sampler
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Support
Charles Hickman	Durbin	Support
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support
Gene Faught	Durbin	Support

SAMPLING ACTIVITIES:

Wipe samples were taken from the following equipment:

- 1200 gallon Monel-Lined Reactor
- 1000 gallon Glass-Lined Reactor
- 1000 gallon Carbon-Steel Reactor
- 1000 gallon Nickel-Lined Reactor
- (called 1200 gallon in plan)
- 7500 gallon Solvent Storage Tank
- 7500 gallon Solvent Storage Tank

The reactors were sampled by placing the sampler inside the reactor to collect a wipe from the bottom and the top of the reactor. The sampler entered the reactors in level-B protection.

The solvent storage tanks were sampled by removing fittings on the top and bottom of the tank. The wipe was attached to a welding rod and inserted through the opening to obtain the sample.

The southern solvent storage tank contained a liquid preventing the removal of the bottom fitting. The lower wipe sample was collected by wiping the inside of the fitting and immersing the wipe in the liquid.

A composite sample was taken from the excavated dirt pile previously sampled.

The support personnel worked at the Trench Area cutting down a tree so that drilling can proceed today. The workers also moved the drums of water and dirt down from the Trench Area

to the photolysis area for storage.

A summary of the samples collected today:

6 discrete sample
1 composite sample

A summary of the samples collected to date:

956 discrete samples
205 composite samples
39 EPA splits
72 comparability split

See attached "Syntex Compliance Monitoring Sampling Report" for detailed sample information.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling at the Trench Area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
05/07/05	A-7500	1415	NA	TCDD	NA	NA
	B-7500	1330	NA	TCDD	NA	NA
	CRACKER 1200	1000	NA	TCDD	NA	NA
	CS 1000	1015	NA	TCDD	NA	NA
	EXCAVATED DIRT	1450	0-12"	TCDD	NA	NA
	GL 1000	0940	NA	TCDD	NA	NA
	NICKEL 1000	1040	NA	TCDD	NA	NA

Count: 7

Date: July 9, 1985

MEMORANDUM

Subject: Status Report#59
Syntex Compliance Monitoring, July 8, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Glen Davis	Syntex	
Bob Williams	Syntex	
Steve Hennigh	Durbin	Support
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Decontamination
Charles Hickman	Durbin	Decontamination
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Support
Gene Faught	Durbin	Support
Rowley Tedlock	Terracon	Documentation
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

The morning was spent repairing the drill rig. A splice in the battery cable broke preventing the rig from operating. The repairs were completed by 1130 hours and the rig set up over boring location 19.2000.

The drillers had a problem with the supplied air system during the afternoon. The temperature climbed into the mid 90's limiting the time the samplers could spend in the work area. The augers were advanced to a depth of 2 feet before drilling was suspended due to the heat.

A summary of the samples collected today:

No samples were collected.

A summary of the samples collected to date:

956 discrete samples
205 composite samples
39 EPA splits
72 comparability split

PROBLEMS ON-SITE:

See problems discribed in the Sampling Activities section.

SCHEDULED ACTIVITIES:

Sampling at the Trench Area will continue and decontamination of the old NEPACCO equipment will begin.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: July 10, 1985

MEMORANDUM

Subject: Status Report 60
Syntex Compliance Monitoring July 9, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Glen Davis	Syntex	
Steve Hennigh	Durbin	Nepacco Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Decontamination
Charles Hickman	Durbin	Decontamination
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Sample Support
Gene Faught	Durbin	Nepacco Decontamination
Rowley Tedlock	Terracon	Documentation
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

The augers were advanced to a depth of 4 feet. Rock forced the augers off the 45 degree angle. Calculations for the resulting angle indicated that the boring would come within 2 feet of the trench bottom. The work plan requires a minimum of 3 feet from the trench bottom so the boring was abandoned. The drill rig was moved and the augers advanced to a depth of 8 feet before stopping for the day.

The old Nepacco equipment was moved to the photolysis area to begin decontamination.

A summary of the samples collected today:

No samples were collected.

A summary of the samples collected to date:

956 discrete samples
205 composite samples
39 EPA splits
72 comparability split

PROBLEMS ON-SITE:

The original boring for 19.2000 was abandoned when the 45 degree angle was lost.

SCHEDULED ACTIVITIES:

Sampling at the Trench Area and decontamination of the old NEPACCO equipment will begin.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: July 11, 1985

MEMORANDUM

Subject: Status Report # 61
Syntex Compliance Monitoring, July 10, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Glen Davis	Syntex	
Steve Hennigh	Durbin	Nepacco Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Support
Charles Hickman	Durbin	Support
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Nepacco Decon Support
Gene Faught	Durbin	Nepacco Decontamination
Rowley Tedlock	Terracon	Documentation
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

The augers were advanced to a depth of 21 feet when the cap used to advance the augers broke. The cap was temporarily repaired and the augers advanced to the first sample interval (23' 6"). A new cap was ordered and will arrive on-site today. The decontamination of the old Nepacco equipment continues. The workers are currently cleaning an old neutralizer.

A summary of the samples collected today:

No samples were collected.

A summary of the samples collected to date:

956 discrete samples
205 composite samples
39 EPA splits
72 comparability split

PROBLEMS ON-SITE:

The cap used to advance the hollow stem augers broke and delayed drilling for two hours.

SCHEDULED ACTIVITIES:

Sampling at the Trench Area and decontamination of the old NEPACCO equipment will continue.

cc: Morris Kay, RGAD "
 Paul Doherty, EP&R
 David Wagoner, WSTM
 Dave Tripp, CNSL
 Rowena Michaels, PBAF
 Debbie Kopsick, E&E
 Bill Keffer, EP&R
 Robert Morby, SUPF
/

Date: July 12, 1985

MEMORANDUM

Subject: Status Report # 62
Syntex Compliance Monitoring, July 11, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Glen Davis	Syntex	
Steve Hennigh	Durbin	Nepacco Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Processing/Decontamination
Charles Hickman	Durbin	Nepacco Decontamination Support
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Decontamination
Gene Faught	Durbin	Nepacco Decontamination
Rowley Tedlock	Terracon	Documentation
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Two discrete samples were collected from sample location 19.2000.

preventing the holding of a discrete sample.
Decontamination of the old Nepacco equipment continues. A stainless steel tank was moved into the T-1 building to be used in the decontamination of the filter plates. The plates were placed in the tank and are being soaked in methanol.

A summary of the samples collected today:

2 discrete samples

A summary of the samples collected to date:

958 discrete samples

205 composite samples

39 EPA splits

72 comparability split

PROBLEMS ON-SITE:

Drilling was delayed for one hour in the morning due to the drill rig having a dead battery.

1

SCHEDULED ACTIVITIES:

Sampling at the Trench Area and decontamination of the old NEPACCO equipment will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

/

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
85/07/11	19.2001	0900	282-306"	HELD	NA	NA
	19.2002	1345	306-330"	HELD	NA	NA

Count: 2

Date: July 13, 1985

MEMORANDUM

Subject: Status Report # 63
Syntex Compliance Monitoring, July 12, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Glen Davis	Syntex	
Jack Durbin	Durbin	
Gary Kepko	EPA	
Sharon Martin	E&E	EPA Observer
Paul Christi	E&E	EPA Observer
Steve Hennigh	Durbin	Nepacco Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Processing/Decontamination
Charles Hickman	Durbin	Decontamination
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Nepacco Decontamination Support
Gene Faught	Durbin	Nepacco Decontamination
Rowley Tedlock	Terracon	Documentation
John Organ	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

One discrete sample was collected from location 19.2000. The sample recovery was minimal. The soil off the flight auger was combined with the previous samples collected to make composite 319.2000. The discrete sample for 19.2003 was taken from the bottom of the 4 inch casing. The integrity of this discrete sample is questionable. The drillers will attempt to find a new method of retrieving the samples to provide better sample recovery. EPA split AK651040 was collected from the composite.

The decontamination of the Nepacco equipment continued. The neutralizing tank and a stainless steel weigh tank have been completed. The filter plates are being soaked in a methanol solution to aid in there decontamination.

A summary of the samples collected today:

- 1 discrete sample
- 1 composite sample
- 1 EPA split

A summary of the samples collected to date:

959 discrete samples
206 composite samples
40 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling at the Trench Area and decontamination of the old
NEPACCO equipment will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
05/07/12	19.2003	0930	330-359"	HELD	NA	NA
	319.2000	0945	282-359"	TCDD, TCP, TCB, HEX	AK651040	NA

Count: 2

Date: July 16, 1985

MEMORANDUM

Subject: Status Report # 64
Syntex Compliance Monitoring, July 15, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Sharon Martin	E&E	EPA Observer
Bill Durbin	Durbin	
Glen Davis	Syntex	
Jack Durbin	Durbin	
Steve Hennigh	Durbin	Nepacco Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Processing/Decontamination
Charles Hickman	Durbin	Decontamination
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Nepacco Decontamination Support
Gene Faught	Durbin	Nepacco Decontamination
John Looney	Durbin	Nepacco Decontamination
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

The rig was deconned prior to starting the final angle boring. The throttle cable was also repaired. A fence post had to be removed prior to drilling. Some difficulty was experienced in aligning the drill rig due to the slope of the land. Drilling was extremely slow as considerable rock was encountered. A dept of 7 1/2 feet was obtained. Drill cuttings were a dry reddish brown powder (silty clay). Decontamination of NEPACCO equipment continued throughout the day.

No samples were collected today.

A summary of the samples collected to date:

959 discrete samples
206 composite samples
40 EPA splits
72 comparability split

PROBLEMS ON-SITE:

Slow drilling was caused by the cherty residium encountered. The t. cable on the rig was also repaired. A fence post required removal.

SCHEDULED ACTIVITIES:

Sampling at the Trench Area and decontamination of the old
NEPACCO equipment will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: July 17, 1985

MEMORANDUM

Subject: Status Report # 65
Syntex Compliance Monitoring, July 16, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Sharon Martin	E&E	EPA Observer
Bill Durbin	Durbin	
Glen Davis	Syntex	
Steve Hennigh	Durbin	Nepacco Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Processing/Decontamination
Charles Hickman	Durbin	Decontamination
Brad Euliss	Durbin	Support
Troy Durbin	Durbin	Nepacco Decontamination Support
Gene Faught	Durbin	Nepacco Decontamination
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Drilling of the last angle boring (Trench Area, location 5.2) continued with a total depth of 16 feet reached. At this point, the drilling became extremely difficult. The driller decided that either a large rock was encountered or the equipment separated in the hole. They will find out which, tomorrow. At an earlier point, the new rotational (auger) head broke and the old, repaired head was installed. The broken head is to be returned and a new one brought to the site tomorrow.

Decontamination of the old NEPACCO equipment continued with a neutralization tank completed and moved to a staging area nearby. Another tank was started. A Syntex contractor experienced a minor chemical burn on the arm. This occurred when some of the decon solution within this tank leaked inside his protective gear.

No samples were collected today.

A summary of the samples collected to date:

A31-183

959 discrete samples
206 composite samples
40 EPA splits
72 comparability split

PROBLEMS ON-SITE:

Continued slow drilling with the most difficulty at the 16 feet of depth achieved. One Syntex contractor experienced a minor chemical burn while deconning old NEPACCO equipment. A rotational (auger) head will be replaced tomorrow.

SCHEDULED ACTIVITIES:

Decide if this last angle boring can be resumed or must be abandoned. Continue decontamination of old NEPACCO equipment.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: July 18, 1985

MEMORANDUM

Subject: Status Report # 66
Syntex Compliance Monitoring, July 17, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Sharon Martin	E&E	EPA Observer
Bill Durbin	Durbin	
Steve Hennigh	Durbin	Nepacco Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Processing/Decontamination
Charles Hickman	Durbin	Decontamination
Troy Durbin	Durbin	Nepacco Decontamination Support
Gene Faught	Durbin	Nepacco Decontamination
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

As suspected, the augers had separated in the angle boring (perhaps because the collar had been removed earlier). Two augers remain in the hole at a depth of 6 to 16 feet and will be retrieved at a later date. In the interim, a vertical boring was started outside the Trench Area at the south end. The hole was augered to 36 feet without hitting solid rock. Bedrock may be deeper or this location may be a weathered crevice in bedrock. The entire profile consisted of reddish brown silty clay with variable amounts of chert pebbles--the residuum (terra rosa) of weathered cherty limestone, typical of the Ozarks area. This hole will be augered deeper tomorrow. A new location for the abandoned angle boring of location 5.2 will be determined.

Syntex contractors finished decontamination of another old NEPACCO tank today.

No samples were collected today.

A summary of the samples collected to date:

959 discrete samples
206 composite samples
40 EPA splits
72 comparability split

A31-185

PROBLEMS ON-SITE:

The augers in the last borehole separated (yesterday) in the hole with the bottom 10 feet remaining in the hole temporarily. The depth to solid rock was deeper than anticipated, in the vertical boring, and the drillers ran out of flight augers.

SCHEDULED ACTIVITIES:

Decide on the relocation of the last angle boring. Complete the first vertical boring outside the Trench Area. Continue decontamination of old NEPACCO equipment.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: July 19, 1985

MEMORANDUM

Subject: Status Report #.,67
Syntex Compliance Monitoring, July 18, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Sharon Martin	E&E	EPA Observer
Bill Durbin	Durbin	
Steve Hennigh	Durbin	Nepacco Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Processing/Decontamination
Charles Hickman	Durbin	Decontamination
Troy Durbin	Durbin	Nepacco Decontamination Support
Gene Faught	Durbin	Nepacco Decontamination
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller
Bob Williams	Syntex	Project Engineer

SAMPLING ACTIVITIES:

The first vertical boring (outside the Trench Area) was reaugered to 45 feet with hollow stem augers before running out of augers, again. Solid rock was still not reached. The top of the angled auger (Location 5.2) was exposed by manual digging at approximately 4 feet deep, vertically. A chain was hooked up to it, but a bulldozer could not easily pull it out. If the augers have not been damaged very much, they will be rotated back out with the rig. Otherwise, the augers may be trenched out with a backhoe. The new location for this last angle boring may be selected as at an equal position, but on the opposite side of Location 5.2, from where it is now (22 1/2 degrees north rather than south).

The drillers drove back to Kansas City to pick up equipment they needed. They will return later today.

Additional filter plates (old NEPACCO equipment) were decontaminated today. The filter press tank started yesterday was still not finished today. It may not be possible to decontaminate this tank, due to its intricate parts. Wipe tests will show whether it has to be cut up and drummed.

No samples were collected today.

A summary of the samples collected to date:

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959 discrete samples
206 composite samples
 40 EPA splits
 72 comparability split

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PROBLEMS ON-SITE:

The drillers ran out of hollow stem augers in the first vertical boring outside the Trench Area. The depth to bedrock had not been accurately perceived. Even though Terracon had performed a seismic survey of the area two years ago, this information had not been previously shared with the drillers. The first attempt to remove the lost augers in the Location 5.2 angle boring, failed.

SCHEDULED ACTIVITIES:

Decide on the relocation of the last angle boring. Finish the first vertical boring outside the Trench Area. Then, time permitting, try to retrieve the lost angled augers utilizing the rig. Wipe samples of decontaminated NEPACCO equipment may be taken in the afternoon.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: July 20, 1985

MEMORANDUM

Subject: Status Report #.,68
Syntex Compliance Monitoring, July 19, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Sharon Martin	E&E	EPA Observer
Bill Durbin	Durbin	
Steve Hennigh	Durbin	Nepacco Decontamination
Ron Davis	Durbin	Sample Support
Bob Couch	Durbin	Sample Processing/Decontamination
Charles Hickman	Durbin	Decontamination
Troy Durbin	Durbin	Nepacco Decontamination Support
Gene Faught	Durbin	Nepacco Decontamination
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Drilling resumed in the first vertical boring outside the Trench Area (designated BR #1, located near the southeast corner of the Trench Area). Bedrock was presumed hit at 47' 8". The drillers attempted to clean out the hollow stem augers in preparation for coring. They found, however, that their water swivel head was damaged and thus they could not flush water down the "A" rods, and through the bit, to clean out the hole. Another swivel head will be on site on Monday. The hole was capped off in the interim.

The lost augers were retrieved out of Location 5.2 with the rig. The hole was grouted.

Additional filter plates were decontaminated. The wipe samples of the old NEPACCO equipment was postponed until Monday.

No samples were collected today.

A summary of the samples collected to date:

959 discrete samples
206 composite samples
40 EPA splits
72 comparability split

PROBLEMS ON-SITE:

The swivel head on the rig was found to be defective, such that BR #1 could not be flushed out prior to coring. This will be done on Monday.

SCHEDULED ACTIVITIES:

Finish BR #1 by flushing out the hollow stems and coring 5 feet into bedrock. The drillers will then either do another vertical boring or redo the last angle boring.

Continue and probably complete the first round of decontamination of old NEPACCO equipment (this doesn't include equipment in the Photolysis Area). Conduct wipe samples of decontaminated equipment.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: July 23, 1985

MEMORANDUM

Subject: Status Report # 69
Syntex Compliance Monitoring, July 22, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Paul M Christi	E&E	EPA Observer
Bill Durbin	Durbin	
Steve Hennigh	Durbin	Nepacco Decontamination
Troy Durbin	Durbin	Nepacco Decontamination Support
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Drilling resumed in the first vertical boring outside the Trench Area (designated BR #1, located near the southeast corner of the Trench Area). Bedrock was presumed hit at 47' 8". The drillers completed 5' core drilling in the bedrock consuming approximately 1100 gallons of flush water with no water return. The drilling process was interrupted twice since the drillers ran out of flush water. The core sample appeared to be gray limestone with small impregnated chert zones, and without any visible natural fractures or cracks. A small portion of this core sample will be sent to a certified laboratory for soil-mechanics study. NEPACCO Decontamination crew continued cleaning and repairing old NEPACCO equipment throughout the day.

A summary of the samples collected to date:

959 discrete samples
206 composite samples
40 EPA splits
72 comparability split

PROBLEMS ON-SITE:

Sampling crew ran out of flush water twice and they had to halt drilling for about an hour each time. Overall, the sampling went fairly smooth without any major break down.

SCHEDULED ACTIVITIES:

Drillers will finish decontamination of hollow stems, augers and all the equipment used in BR #1 core sampling. The auger cuttings from this location will be put back into the hole and the remainder of the hole will be sealed with grout material (a mixture of small amount of bentonite with Portland cement plus water).

Continue and probably complete the first round of decontamination of old NEPACCO equipment. Conduct wipe test of decontaminated equipment.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: July 24, 1985

MEMORANDUM

Subject: Status Report # 70
Syntex Compliance Monitoring, July 23, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Paul M Christi	E&E	EPA Observer
Bill Durbin	Durbin	
Steve Hennigh	Durbin	Nepacco Decontamination
Troy Durbin	Durbin	Nepacco Decontamination Support
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller
Glen Davis	Syntex	

SAMPLING ACTIVITIES:

Drillers removed all the hollow stems from BR#1 location and collected them for decontamination. The auger cutting from this location was put back into the hole and remainder of the hole was sealed with grout material.

Drillers resumed angle boring at location T 5.2 in the Trench Area. Slow drilling process continued during the entire day. Soil-gas release was monitored regularly by drillers using a portable volatile organic sniffing instrument, but nothing was detected. The auger cutting from this location is reddish brown silty clay. Drilling was discontinued at 11 feet depth at the end of the day.

NEPACCO Decontamination crew continued cleaning old NEPACCO equipment and the hollow stems from BR#1 drilling throughout the day.

A summary of the samples collected to date:

959 discrete samples
206 composite samples
40 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems encountered.

SCHEDULED ACTIVITIES:

Angle boring at location T 5.2 in the Trench Area will continue tomorrow and drillers will collect samples. NEPACCO crew will continue decontamination of their old equipment and the hollow stems from location BR#1 drilling.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: July 25, 1985

MEMORANDUM

Subject: Status Report # 71
Syntex Compliance Monitoring, July 24, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Paul M Christi	E&E	EPA Observer
Bill Durbin	Durbin	
Steve Hennigh	Durbin	Nepacco Decontamination
John Rickman	Durbin	Support
Troy Durbin	Durbin	Nepacco Decontamination Support
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller
Glen Davis	Syntex	

SAMPLING ACTIVITIES:

Angle boring resumed at location T5.2 in Trench Area starting from 11 feet. One EPA split sample AK651041 was collected at 19 feet by sending 3 inch flight auger. Second EPA split sample AK651042 was collected at 21 feet using a 3 inch split spoon. The decontamination of the flight augers, split spoon and other equipment continued during the day.

A summary of the samples collected today.

2 EPA split samples

A summary of the samples collected to date:

959 discrete samples
206 composite samples
42 EPA splits
72 comparability split

PROBLEMS ON-SITE:

Air compressor stopped working for an hour due to burned-out fuse. One driller not feeling good due to heat and upset stomach, and was asked to take rest in shade.

SCHEDULED ACTIVITIES:

Angle boring at location T 5.2 in the Trench Area will continue tomorrow and drillers will collect samples. NEPACCO crew will continue decontamination of their old equipment.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: July 26, 1985

MEMORANDUM

Subject: Status Report # 72
Syntex Compliance Monitoring, July 25, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Paul M Christi	E&E	EPA Observer
Bill Durbin	Durbin	
Steve Hennigh	Durbin	Nepacco Decontamination
John Rickman	Durbin	Support
Troy Durbin	Durbin	Nepacco Decontamination Support
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller

SAMPLING ACTIVITIES:

Angle boring resumed at location T5.2 in Trench Area. One EPA split sample AK651043 was collected from 23-25 feet, by sending a 3 inch flight auger. Second EPA split sample AK651044 was collected from 25-27 feet using a 3 inch diameter split spoon. The decontamination of the flight augers, hollow stem augers and other equipment continued during the day.

A summary of the samples collected today.

2 EPA split samples

A summary of the samples collected to date:

959 discrete samples
206 composite samples
44 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No mechanical problems encountered. Drilling was delayed for an hour due to heavy rain.

SCHEDULED ACTIVITIES:

Angle boring at location T 5.2 in the Trench Area will continue tomorrow and drillers will collect samples. NEPACCO crew will continue decontamination of their old equipment.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: July 27, 1985

MEMORANDUM

Subject: Status Report # 73
Syntex Compliance Monitoring, July 26, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Paul M Christi	E&E	EPA Observer
Bill Durbin	Durbin	
Steve Hennigh	Durbin	Nepacco Decontamination
John Rickman	Durbin	Support
Troy Durbin	Durbin	Nepacco Decontamination Support
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller
Bob William	Syntex	

SAMPLING ACTIVITIES:

Angle boring resumed at location T5.2 in Trench Area. Two EPA split samples (AK651045 - 27 to 29 feet and AK651046 - 29 to 31 feet) were collected using 3 inch diameter split spoon. When Terracon crew were pulling a sample at 31-33 feet, split spoon snapped off in the hole. They will try to retrieve the split spoon by sending a hollow stem auger around it.

NEPACCO decontamination crew finished decontamination of last seven plates.

A summary of the samples collected today.

2 EPA split samples

A summary of the samples collected to date:

959 discrete samples
206 composite samples
46 EPA splits
72 comparability split

PROBLEMS ON-SITE:

Split spoon snapped off in the hole while pulling a sample at 31-33 feet depth.

SCHEDULED ACTIVITIES:

Terracon crew will retrieve the split spoon and continue the angle boring at location T5.2 in Trench Area. NEPACCO crew will conduct wipe test on their old decontaminated equipment.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: July 30, 1985

MEMORANDUM

Subject: Status Report # 74
Syntex Compliance Monitoring, July 29, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Steve Hennigh	Durbin	Sample Support
John Rickman	Durbin	Decontamination
Troy Durbin	Durbin	Decontamination
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller
Bob Williams	Syntex	

SAMPLING ACTIVITIES:

Angle boring location 5.2 was completed. The split spoon that was lost on Friday was recovered. The final sample interval from depths 33 to 35 feet was taken from the plug in the bottom of the hollow stem augers. An EPA split sample was collected from the composite sample.

The bore hole was grouted and the drill cuttings placed in drums for storage. The drill rig was decontaminated and moved to coring location BR 2. The augers were advanced to a depth of 5 feet before activities were concluded for the day.

Note: EPA splits were inadvertently collected from each discrete sample from angle boring 5.2. The only scheduled split is from the composite from 5.2. The samples collected will be returned to Syntex for disposal and the EPA split from the composite will be the only sample turned in for analysis.

A summary of the samples collected today.

2 discrete samples
1 composite sample
1 EPA Split sample

A summary of the samples collected to date:

967 discrete samples

207 composite samples
47 EPA splits
72 comparability split

See attached "Syntex Compliance Monitoring Sampling Report for detailed information on the samples collected.

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

The bedrock coring around the Trench Area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	---	-----	-----	-----	-----
85/07/24	5.2001	1030	228-252"	HELD	NA	NA
	5.2002	1430	252-276"	HELD	NA	NA
85/07/25	5.2003	0915	276-300"	HELD	NA	NA
	5.2004	1430	300-324"	HELD	NA	NA
85/07/26	5.2005	0845	324-348"	HELD	NA	NA
	5.2006	1000	348-372"	HELD	NA	NA
85/07/29	305.2000	1100	228-420"	TCDD, TCP, TCB, HEX	AK651041	NA
	5.2007	1100	372-396"	HELD	NA	NA
	5.2008	1100	396-420"	HELD	NA	NA

 Count: 9

Date: July 31, 1985

MEMORANDUM

Subject: Status Report # 75
Syntex Compliance Monitoring, July 30, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Gary Kepko	EPA	On Scene Coordinator
Steve Hennigh	Durbin	Drill Support
John Rickman	Durbin	Support
Troy Durbin	Durbin	Decontamination
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller
Brad Euliss	Durbin	

SAMPLING ACTIVITIES:

Bedrock coring BR 2 was completed. The bedrock was encountered at a depth of 46.5 feet. The core was collected from 46.5-51.1 feet. The boring will be back-filled and grouted today.

A summary of the samples collected today.

1 bedrock core sample

A summary of the samples collected to date:

967 discrete samples
207 composite samples
41 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

A31-204

The bedrock coring around the Trench Area will continue and wipe samples of the decontaminated NEPPACO equipment will

be collected. "

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: August 1, 1985

MEMORANDUM

Subject: Status Report # 76
Syntex Compliance Monitoring, July 31, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Gary Kepko	EPA	On Scene Coordinator
Steve Hennigh	Durbin	Decon/Wipe Sampler
John Rickman	Durbin	Support
Troy Durbin	Durbin	Decon/Wipe Sampler
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Wipe samples were collected from the old NEPPACO equipment that was cleaned during the past few weeks. One piece of equipment that was scheduled to be cleaned (Cuno 316 S/S 6A x 3 filter) could not be located.

Bedrock coring location BR 3 was started. The augers had been advanced to a depth of 50 feet when the TLV Sniffer registered a reading of 3000 ppm (Hexane equivalent). The concentration remained for approximately 15 minutes before dissipating to near zero. The augers were then advanced to bedrock (56.3'). No TLV readings were present at this depth. Coring of the bedrock will begin in the morning.

A summary of the samples collected today.

7 wipe samples

A summary of the samples collected to date:

974 discrete samples
207 composite samples
41 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

The bedrock coring around the Trench Area will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: August 2, 1985 ;

MEMORANDUM

Subject: Status Report # 77
Syntex Compliance Monitoring, August 1, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
Steve Hennigh	Durbin	Decon/Drill Support
Troy Durbin	Durbin	Decon/Drill Support
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Bedrock coring location BR 3 was completed. The bedrock was encountered at a depth of 56.3 feet. The augers will be pulled today and the drill rig moved to the final coring location BR 4.

A summary of the samples collected today.

1 bedrock coring

A summary of the samples collected to date:

974 discrete samples
207 composite samples
41 EPA splits
72 comparability split

PROBLEMS ON-SITE:

Drilling was suspended for 45 minutes while thundershowers moved through the area.

SCHEDULED ACTIVITIES:

The bedrock coring around the Trench Area will continue.

cc: Morris Kay, RGAD

Paul Doherty, EP&R ;
David Wagoner, WSTM ;
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF ..

Date: August 5, 1985

MEMORANDUM

Subject: Status Report # 78
Syntex Compliance Monitoring, August 2, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Steve Hennigh	Durbin	Decon/Drill Support
Troy Durbin	Durbin	Decon/Drill Support
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

A composite sample was taken from the drill cuttings from location BR 3. The sample was taken because of the elevated TLV Sniffer readings obtained during drilling. The sample was given EPA number AK651042.

The augers were removed from bedrock coring location BR 3 and the boring back-filled and grouted.

The drill rig was moved to bedrock coring location BR 4 and the augers advanced to bedrock (42.8 feet) before sampling activities were concluded for the day.

The excess drill cuttings were moved within the fenced trench area and covered with plastic.

A summary of the samples collected today.

1 EPA Split Sample

A summary of the samples collected to date:

974 discrete samples
207 composite samples
42 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

The bedrock coring around the Trench Area will be completed and the 5 foot soil sample will be collected.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: August 6, 1985

MEMORANDUM

Subject: Status Report # 79
Syntex Compliance Monitoring, August 5, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Steve Hennigh	Durbin	Decon/Drill Support
Troy Durbin	Durbin	Decon/Drill Support
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

The coring at location BR 4 was completed. The augers were removed from the ground and the boring back-filled and grouted. The drill rig was then decontaminated and moved to the location for the shallow five foot sample. The sample was not collected due to difficulties in locating the equipment required for the sampling.

Bill Durbin began locating the monitoring well locations. The coordinates for monitoring well #1 (background well) placed the well in an inaccessible area. After examining the area Bill Durbin and Nancy Blackman decided that the well should be located 15 feet north of the predetermined location.

A summary of the samples collected today.

1 bedrock coring .

A summary of the samples collected to date:

974 discrete samples
207 composite samples
42 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

The 5 foot soil sample located in the Trench Area will be collected. The drill rig will then be moved from the Trench Area to begin installing the monitoring wells.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: August 7, 1985

MEMORANDUM

Subject: Status Report #80
Syntex Compliance Monitoring, August 6, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
John Hartwell	Terracon	
Steve Hennigh	Durbin	Decon/Drill Support
Troy Durbin	Durbin	Decon/Drill Support
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Samples were collected from the shallow five foot boring located in the Trench Area. The split spoons had limited recovery so a second boring was sampled and composited with the first. EPA Split samples were collected from the composites of 0-2 feet and 3-5 feet.

The drill rig was decontaminated and moved from the Trench Area. The remainder of the day was spent moving equipment down from the Trench Area.

Bill Durbin located the positions for monitoring wells 1,2,3, and 4.

A summary of the samples collected today.

5 discrete samples
2 composite samples
2 EPA Split samples

A summary of the samples collected to date:

979 discrete samples
209 composite samples
44 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES: ..

Installation of the monitoring wells will begin.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

SYNTEX COMPLIANCE MONITORING SAMPLING REPORT

DATE	SYNTEX #	TIME	DEPTH	ANALYSIS	EPA #	NDSCS #
-----	-----	----	-----	-----	-----	-----
85/08/06	21.0001	0900	0-12"	HELD	NA	NA
	21.0002	0910..	12-24"	HELD	NA	NA
	21.0003	0920	24-36"	HELD	NA	NA
	21.0004	0940	36-48"	HELD	NA	NA
	21.0005	0950	48-60"	HELD	NA	NA
	321.1000	0955	0-24	TCDD	AK651043	NA
	321.2000	1000	24-60"	TCDD	AK651044	NA

 Count: 7

Date: August 8, 1985

MEMORANDUM

Subject: Status Report # 81
Syntex Compliance Monitoring, August 7, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
John Hartwell	Terracon	
Steve Hennigh	Durbin	Decon/Drill Support
John Rickman	Durbin	Decon/Drill Support
Troy Durbin	Durbin	Decon/Drill Support
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Monitoring well # 1 was installed at the extreme southern end of the plant. The well was set at a depth of 15 feet and a security cover installed.

The Durbin crew continued to move equipment down from the Trench Area.

A summary of the samples collected today.

No samples were collected.

A summary of the samples collected to date:

979 discrete samples
209 composite samples
44 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Installation of the monitoring wells will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAE
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUFF

Date: August 9, 1985

MEMORANDUM

Subject: Status Report #.B2
Syntex Compliance Monitoring, August 8, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
John Hartwell	Terracon	
Steve Hennigh	Durbin	Decon/Drill Support
John Rickman	Durbin	Decon/Drill Support
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Support
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Monitoring wells 2 and 3 were installed along the eastern bank of the Spring River. Bill Durbin flagged monitoring well locations 5,6,7,8,and 10. Monitoring well 9 will be located today.

A summary of the samples collected today.

No samples were collected.

A summary of the samples collected to date:

979 discrete samples
209 composite samples
44 EPA splits
72 comparability split

PROBLEMS ON-SITE:

Rick Murphy did not dress out due to a heat rash on his leg.

SCHEDULED ACTIVITIES:

Installation of the monitoring wells will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAE
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: August 12, 1985

MEMORANDUM

Subject: Status Report # '83
Syntex Compliance Monitoring, August 9, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Glen Davis	Syntex	
Steve Hennigh	Durbin	Decon/Drill Support
Troy Durbin	Durbin	Decon/Drill Support
John Rickman	Durbin	Decon/Drill Support
Rowley Tedlock	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Support
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Monitoring well 4 was installed along the eastern bank of the Spring River. Problems were encountered during the installation of monitoring well 5. The gravel could not be compacted around the screen and it began forcing mud and water out of the boring. A gravel bridge then formed at a depth of 2 feet from the surface that could not be penetrated. It was determined to pull the well casing and cap the boring. A new boring will be attempted north of the aborted boring.

A summary of the samples collected today.

No samples were collected.

A summary of the samples collected to date:

979 discrete samples
209 composite samples
44 EPA splits
72 comparability split

PROBLEMS ON-SITE:

Monitoring well 5 was aborted when the gravel could not be compacted around the screen.

SCHEDULED ACTIVITIES:

Installation of the monitoring wells will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: August 13, 1985

MEMORANDUM

Subject: Status Report #784
Syntex Compliance Monitoring, August 12, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Steve Hennigh	Durbin	Decon/Drill Support
Troy Durbin	Durbin	Decon/Drill Support
John Rickman	Durbin	Support
John Anderson	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Support
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Monitoring wells 5 and 9 were installed. Monitoring well 5 was offset 6 feet north of the original position because the first attempt to install the well on Friday 8/9/85 failed.

A summary of the samples collected today.

No samples were collected.

A summary of the samples collected to date:

979 discrete samples
209 composite samples
44 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Installation of the monitoring wells will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R

David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R "
Robert Morby, SUPF

Date: August 14, 1985

MEMORANDUM

Subject: Status Report #'85
Syntex Compliance Monitoring, August 13, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bob Williams	Syntex	
Tom Dean	MDNR	
Bill Durbin	Durbin	
Steve Hennigh	Durbin	Decon/Drill Support
Troy Durbin	Durbin	Decon/Drill Support
John Rickman	Durbin	Support
John Anderson	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Monitoring wells 6 and 7 were installed. During augering for monitoring well 7 the TLV Sniffer indicated 800 ppm Hexane equivalent at a depth of 13 feet. This well is located approximately 100 feet west of the slough area and 400 feet north of the lagoon area. A soil sample was collected from the auger cuttings and assigned EPA sample number AK651045.

A summary of the samples collected today.

1 discrete sample
1 EPA Split sample

A summary of the samples collected to date:

980 discrete samples
209 composite samples
45 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Installation of the monitoring wells will continue.

cc: Morris Kay, RGAD "
 Paul Doherty, EP&R
 David Wagoner, WSTM
 Dave Tripp, CNSL
 Rowena Michaels, PBAF
 Debbie Kopsick, E&E
 Bill Keffer, EP&R
 Robert Morby, SUPF

Date: August 15, 1985

MEMORANDUM

Subject: Status Report #86
Syntex Compliance Monitoring, August 14, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Steve Hennigh	Durbin	Decon/Drill Support
Troy Durbin	Durbin	Decon/Drill Support
John Rickman	Durbin	Support
John Anderson	Terracon	Documentation
Dave Ritter	Terracon	Sampler/Driller
Rick Murphy	Terracon	Sampler/Driller
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Monitoring wells 8 and 10 were installed. This completed the installation of the monitoring wells. The drillers organized their equipment before leaving for Kansas City. Rowley Tedlock and John Anderson of Terracon will begin developing the wells today.

A summary of the samples collected today.

No samples were collected

A summary of the samples collected to date:

980 discrete samples
209 composite samples
45 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Development of the monitoring wells will begin.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: August 16, 1985

MEMORANDUM

Subject: Status Report # 87
Syntex Compliance Monitoring, August 15, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
Steve Hennigh	Durbin	Decon/Drill Support
Troy Durbin	Durbin	Decon/Drill Support
John Anderson	Terracon	Well Development
Rowley Tedlock	Terracon	Well Development
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Development of the monitoring wells was begun. Problems were encountered during development due to silt blocking the well screens preventing an adequate flow of water into the wells. Several attempts to clear the screens failed. Bill Durbin welded a cap to be placed on the well stand pipe that will allow an air tight seal. Air pressure will then be used to force the silt out from the screen. This method will be attempted today.

A summary of the samples collected today.

No samples were collected

A summary of the samples collected to date:

980 discrete samples
209 composite samples
45 EPA splits
72 comparability split

PROBLEMS ON-SITE:

Development of the monitoring wells was delayed due to the inability to clear silt out from the well screens.

SCHEDULED ACTIVITIES:

A31-229

Development of the monitoring wells will continue.

cc: Morris Kay, RGAD "
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: August 19, 1985

MEMORANDUM

Subject: Status Report # 88
Syntex Compliance Monitoring, August 16, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Glen Davis	Syntex	
Steve Hennigh	Durbin	Decontamination
Troy Durbin	Durbin	Decontamination
John Anderson	Terracon	Well Development
Rowley Tedlock	Terracon	Well Development
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Monitoring wells 4 and 5 were developed. A total of 20 to 25 gallons of water were purged from each well. The water level is taken in each well prior to pugging and then air pressure is used to clear the screens. The water level is taken again prior to bailing. Five to ten gallons are bailed by hand to remove as much silt as possible before installation of the Well Wizard pump system. The pump is then used to purge the remainder of the water. A final water level is recorded after development has been completed.

Wipe samples were taken on the drill rig and the equipment used by Terracon on Saturday 8/17/85. A composite of eighteen wipes covering one square foot each were taken from the drill equipment. Two wipe samples of one square foot each were taken from the drill rig. The equipment will not be released to Terracon until results from the wipe samples are received.

A summary of the samples collected today.

No samples were collected

A summary of the samples collected to date:

980 discrete samples
209 composite samples
45 EPA splits

72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Development of the monitoring wells will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: August 20, 1985

MEMORANDUM

Subject: Status Report # 89
Syntex Compliance Monitoring, August 19, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
Steve Hennigh	Durbin	Decontamination
Troy Durbin	Durbin	Decontamination
John Anderson	Terracon	Well Development
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Monitoring wells 6 and 7 were developed. A total of 79 gallons was purged from monitoring well 6 and 45 gallons from monitoring well 7.

Extensions have been made to the Well Wizard pumps so that the bottom of the pumps are within 6 inches of the well bottom. Well development was slowed due to thundershowers in the area during the morning hours.

A summary of the samples collected today.

No samples were collected

A summary of the samples collected to date:

980 discrete samples
209 composite samples
45 EPA splits
72 comparability split

PROBLEMS ON-SITE:

Development of the monitoring wells was slowed due the thundershowers.

SCHEDULED ACTIVITIES:

Development of the monitoring wells will continue.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: August 21, 1985

MEMORANDUM

Subject: Status Report # 90
Syntex Compliance Monitoring, August 20, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
Steve Hennigh	Durbin	Decontamination
Troy Durbin	Durbin	Decontamination
Rowley Tedlock	Terracon	Well Development
John Anderson	Terracon	Well Development
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Monitoring wells 8 and 10 were developed. The Well Wizard pumps were lowered to within 6 inches of the well bottom in wells 3,4,5, and 9. Additional water was then purged from these wells to remove the sediment from the bottom.

Sampling of the wells is currently scheduled for the week of September 9, 1985. This is at the recommendation of Terracon Consultants who indicate that there should be a two week delay between well installation/development and well sampling.

Slug Tests will be performed in all the wells so that hydrographs can be prepared for each well as specified in the work plan. These tests will be conducted immediately after the development of all the wells.

A summary of the samples collected today.

No samples were collected

A summary of the samples collected to date:

980 discrete samples
209 composite samples
45 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Development of the monitoring wells will be completed and
Slug Tests of the monitoring wells will begin.

cc: Morris Kay, RGAD
Paul Doherty, EP&R
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: August 22, 1985

MEMORANDUM

Subject: Status Report # 91
Syntex Compliance Monitoring, August 21, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Steve Hennigh	Durbin	Decontamination
Troy Durbin	Durbin	Decontamination
Rowley Tedlock	Terracon	Well Development
John Anderson	Terracon	Well Development
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Wells 1 and 2 were developed completing the development of the monitoring wells. Slug Tests were conducted in wells 1,2,3,4, and 5. Hydrographs will be drawn for each of these wells. The remaining five wells will have Slug Tests performed today, 8/22/85.

A summary of the samples collected today.

No samples were collected

A summary of the samples collected to date:

980 discrete samples
209 composite samples
45 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Slug Tests of the monitoring wells will be completed today.

cc: Morris Kay, RGAD
Paul Doherty, EP&R

David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF

Date: August 23, 1985

MEMORANDUM

Subject: Status Report # 92
Syntex Compliance Monitoring, August 22, 1985

From: Gary E. Kepko
OSC, SINV/EP&R/ENSV

To: John C. Wicklund
Director, ENSV

PERSONNEL ON-SITE:

Nancy Blackman	E&E	EPA Observer
Bill Durbin	Durbin	
Bob Williams	Syntex	
Steve Hennigh	Durbin	Decontamination
Troy Durbin	Durbin	Decontamination
Rowley Tedlock	Terracon	Well Development
Brad Euliss	Durbin	Support

SAMPLING ACTIVITIES:

Slug testing of the monitoring wells was completed. The test was rerun in well number 4 due to inconsistent readings the first time the test was performed. Water level indicators were going to be set in each well but difficulty with the water level control box prevented the installation of the indicators at this time. A new control box has been ordered and the indicators will be installed upon arrival of the box.

The field work has now been completed except for the sampling of the monitoring well which is scheduled for the week of September 9th.

A summary of the samples collected today.

No samples were collected

A summary of the samples collected to date:

980 discrete samples
209 composite samples
45 EPA splits
72 comparability split

PROBLEMS ON-SITE:

No problems were encountered.

SCHEDULED ACTIVITIES:

Sampling of the monitoring wells will be performed the week of September 9, 1985.

cc: Morris Kay, RGAD
Paul Doherty, EP&R "
David Wagoner, WSTM
Dave Tripp, CNSL
Rowena Michaels, PBAF
Debbie Kopsick, E&E
Bill Keffer, EP&R
Robert Morby, SUPF